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• HOWARD'S •

SEED AND IMPLEMENT CATALOGUE

1921



FRANK HOWARD,
FENN, FIRST AND FEDERAL STS.
PITTSFIELD, MASS

OUR NEW STORE

HOWARD BLOCK

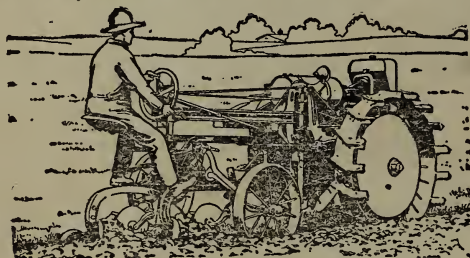
At the corner of FENN, FIRST and FEDERAL STREETS, near the post office, is arranged for your comfort and convenience while shopping. We occupy four floors, with elevator service, and entrances on Fenn, First and Federal Streets



Make our store your headquarters while in the city. You are always welcome

FRANK HOWARD

The Moline-Universal Tractor

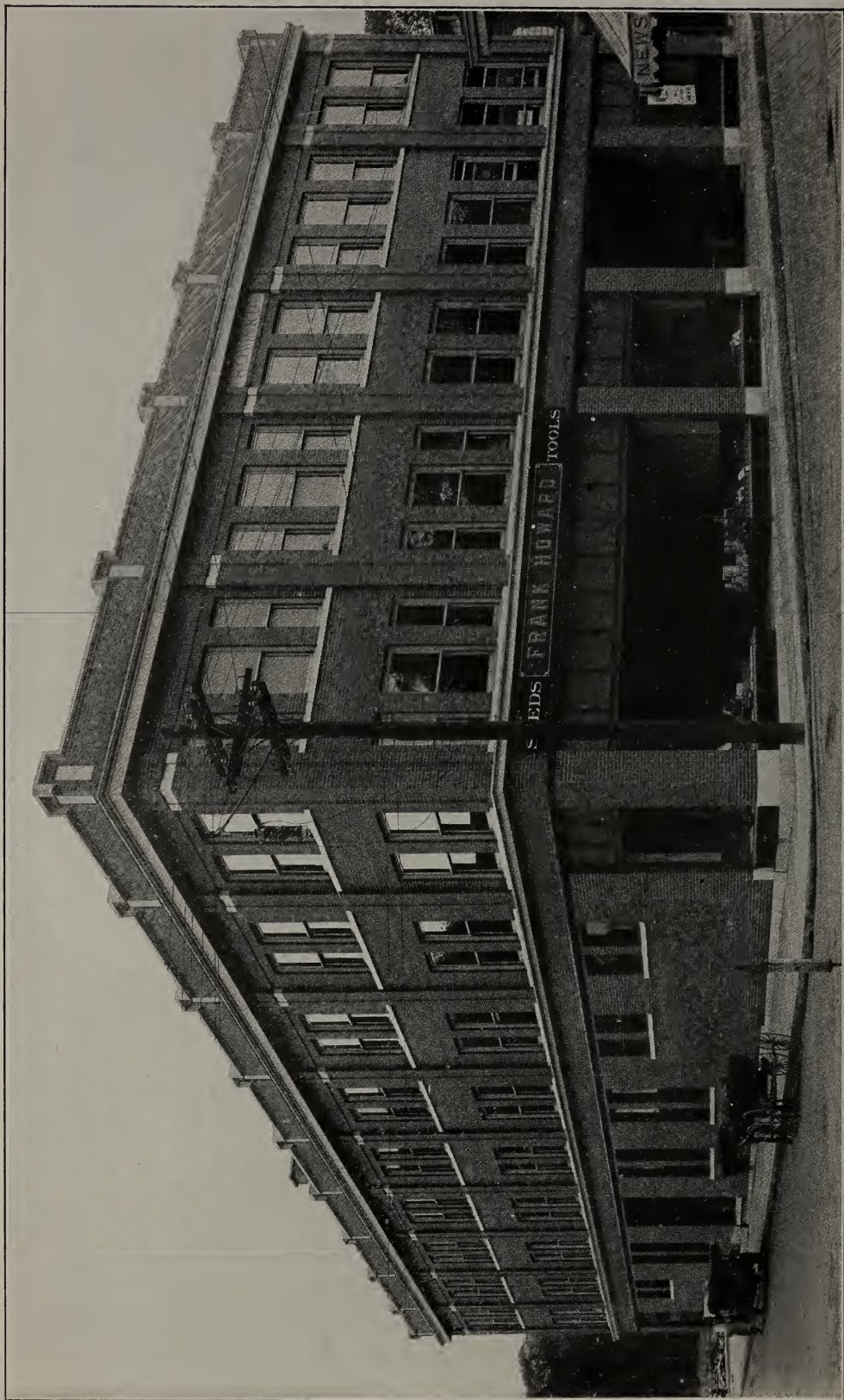


THE MOLINE-UNIVERSAL TRACTOR is the ideal tractor for the average size farm; turns in a 16-ft. circle; easier to handle than a team; weight about the same, and will back with the implement attached; does practically all kinds of field work. It is a One Man Tractor. Prices on application.



The Federal and First Street Corner of the Howard Building, showing the Federal Street Entrance to our store and the Federal Street Entrance to the offices on the second floor; Reinhardt & Tree Tire Store and the Telephone Business Office.

The door for the receiving and delivering of goods is shown between two of our trucks.



The Howard Building from the Fenn and First Street Corner—showing the Fenn Street Entrance to the Howard Store No. 132. Hockridge & Castle Grocery Store No. 128, Fenn Street, Entrance No. 126 Fenn Street to Offices on second floor, and Store No. 124 Fenn Street, also the loading and unloading door on First Street, near where the automobile is shown in the photograph.

Vegetables and Flower Seeds in Packets, Ounces, Quarter Pounds and Pounds DELIVERED FREE.
Other SEEDS, TOOLS, ETC., at PURCHASER'S EXPENSE.

1921

ORDER SHEET

1921

FRANK HOWARD.

FENN, FIRST AND FEDERAL STREETS,
PITTSFIELD. MASS.

Date: _____

1021

Please forward by:

State if wanted by mail, express, or freight

To M

...: Gardener's Name:

Post office

County:

State.

Station

Country:

State-

Enclosed find Express Money Order \$

Draft, \$.

Cash, \$..

P. O. Money Order, \$.

Postage Stamps, \$.....

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I send out, and will not be responsible for the crop.—FRANK HOWARD

[illegible]

QUANTITY	ARTICLES	PRICE

1921

FRANK HOWARD'S

Annual Spring Catalog

—OF—

Reliable "Seeds That Grow"

TOOLS and MACHINERY

The Unsettled market conditions render it impossible to make firm prices. You can, however, depend on us at all times to give you BEST GOODS and at FAIR PRICES. PRICES HOWEVER ARE SUBJECT TO CHANGE WITHOUT NOTICE.

WE PAY POSTAGE or EXPRESS on SEEDS in PACKETS, OUNCES, QUARTER-POUNDS and POUNDS, on other seeds if WANTED BY MAIL ADD POSTAGE as per following table:

PARCEL-POST ZONE RATES

Within the United States

Zone	Within	1st lb. or fraction	Additional lb. or fraction
1st	.50 miles of Pittsfield.....	5c.	1c.
2d	.50 to 150 miles of Pittsfield.....	5c.	1c.
3d	.150 to 300 miles of Pittsfield.....	6c.	2c.
4th	.300 to 600 miles of Pittsfield.....	7c.	4c.
5th	.600 to 1,000 miles of Pittsfield.....	8c.	6c.
6th	.1,000 to 1,400 miles of Pittsfield.....	9c.	8c.
7th	.1,400 to 1,800 miles of Pittsfield.....	11c.	10c.
8th	.1,800 and over miles of Pittsfield.....	12c.	12c.

Maximum weight, 70 lbs. to 1st and 3d zones— and 50 lbs. from the 4th zone upward.

"Our Seeds are Northern Grown, None Better at Any Price."

Our name is an absolute guarantee of the best in quality and price.

MAKE OUR STORE YOUR HEADQUARTERS WHILE IN THE CITY. YOU ARE ALWAYS WELCOME.

Yours respectfully,
FRANK HOWARD.

GARDENER'S AND HEAD FARMER'S SITUATIONS

We keep a register of names of Practical Gardeners and Farm Managers also Farm Laborers who are in want of situations. If parties desiring such will write to us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars, and whether a married or single man is wanted. We make no charge for this service, either to employer or employee.

SPECIAL NOTICE.

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I send out and will not be responsible for the crop.—FRANK HOWARD.

1921

FRANK HOWARD'S

GENERAL LIST OF

Standard Tested Vegetable Seeds

PRICES SUBJECT TO CHANGE

"Our Seeds are Northern Grown, None Better at Any Price."

	Pkt.	Oz.	Qt.
ARTICHOKE,—Green Globe, the standard sort . . . . .	.25	1.00	
Jerusalem, (Roots), . . . . .			.30
ASPARAGUS,—			

Culture.—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. One year old roots should be set out in spring, in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and Quininiac or Mapes Fertilizers should be applied after tops are cut and in the spring forked in. Never cut closely.

PALMETTO,—The earliest good yielder, even and regular in growth, quality unequalled,	Pkt. .05	Oz. .15	¼Lb. .35
COLOSSAL,—The old standard variety, . . . . .	.05	.15	.35
ASPARAGUS ROOTS,—Palmetto, (2 years old)		per 100,	\$1.75
COLOSSAL, (2 years old)		per 100,	\$1.50
" (3 years old)		per 100,	\$2.25

BEANS

CULTURE.—When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, Mapes, or Quininiac Fertilizer may be thoroughly worked into soil before planting.

Dwarf Green Podded Varieties

GIANT STRINGLESS GREEN POD,—

Very early, round pods absolutely stringless, fine quality, one of the finest string beans grown, 20c ½ pt., 35c pt., 60c qt., \$2.25 ½ peck.

IMPROVED EARLY RED VALENTINE,—

One of the earliest beans in cultivation. Round pod, 20c ½ pt., 35c pt., 60c qt., \$2.25 ½ peck.

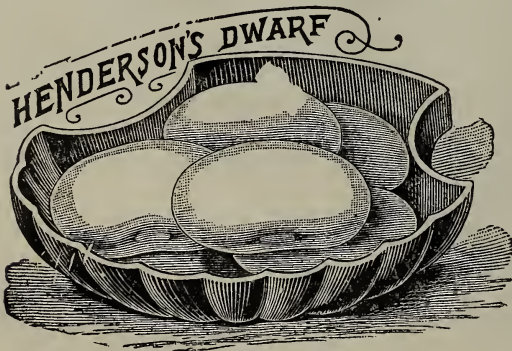


Improved Early Red Valentine

IMPROVED ROYAL WHITE OR KIDNEY,—Excellent for shelling green or baking when ripe, 20c ½ pt., 35c pt., 60c qt., \$2.25 ½ peck.

LARGE WHITE MARROW,—The favorite for general field crop, 15c ½ pt., 25c pt., 45c qt., \$1.75 ½ peck.

HENDERSON'S BUSH LIMA,—The earliest of the Bush Limas, very productive, requires no stakes or poles, quality excellent, 25c ½ pt., 40c pt., 70c qt., \$2.50 ½ peck.



BEANS—Continued—Dwarf, Green Podded Varieties

EXTRA EARLY REFUGEE,—Round pod, very productive, 20c $\frac{1}{2}$ pt., 35c pt., 60c qt., \$2.75 $\frac{1}{2}$ peck.

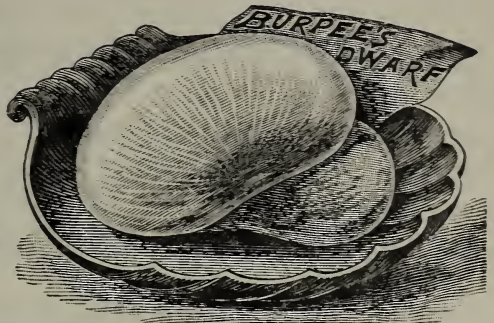
BOUNTIFUL,—Pods grow to large size, are broad and fleshy, cook tender and fine quality, 20c $\frac{1}{2}$ pt., 35c pt., 60c qt., \$2.25 $\frac{1}{2}$ pk.

BURPEE'S STRINGLESS GREEN POD,—Very early, tender and crisp. Pods pale green, long and straight, round, meaty and stringless, 20c $\frac{1}{2}$ pt., 35c pt., 60c qt., \$2.25 $\frac{1}{2}$ peck.

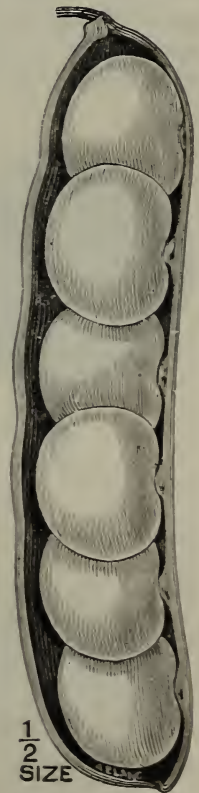
BURPEE'S IMPROVED DWARF OR BUSH LIMA,—A perfect bush form of the true luscious large Lima grows from 18 to 20 inches high, stout, and erect growth, immense yielder, 30c $\frac{1}{2}$ pt., 50c pt., 90c qt., \$3.25 $\frac{1}{2}$ peck.

FORDHOOK BUSH LIMA, (New)—Both pods and beans are very large. 30c $\frac{1}{2}$ pt., 50c pt., 90c qt.; \$3.25 $\frac{1}{2}$ pk.

HORTICULTURAL DWARF, or "Dwarf Cranberry," late and productive, flat pod, 25c $\frac{1}{2}$ pt., 40c pt., 75c qt., \$2.75 $\frac{1}{2}$ peck.

**Dwarf, Wax or Butter Varieties**

	$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
BLACK WAX, PENCIL POD ,—Slender, long, round pods, hardy and prolific, splendid quality, best of the Black Wax varieties,	.20	.40	.75	\$2.50
IMPROVED RUSTLESS GOLDEN WAX ,—(Keeney's) Hardy and productive, pods flat, stringless, wax-like and handsome,	.20	.40	.75	2.50
KIDNEY WAX ROUND-POD, (Brittle Wax) —A handsome midseason variety, pods long and round, wax-like, stringless, fine quality	.20	.40	.75	2.50
MICHIGAN WHITE WAX ,—Early, prolific, very tender, fine quality,	.20	.40	.75	2.50
REFUGEE WAX ,—The earliest wax variety, pods very tender, remaining so well through the season, heavy bearer,	.20	.40	.75	2.50

**Climbing or Pole Varieties**

CULTURE.—Sow after danger from frost and soil is warm and dry in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed.

	$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
GOLDEN CLUSTER WAX, —IMPROVED , Pods 6 to 8 inches long, golden yellow, flavor delicious, bears early, and lasts until late in the season,	.30	.50	.90	3.25
HORTICULTURAL OR CRANBERRY ,—A popular variety for shelling,	.20	.35	.65	2.50
EARLY JERSEY LIMA ,—Fully two weeks earlier than the large Lima, and combines quality, quantity and earliness,	.25	.40	.75	2.75

$\frac{1}{2}$
SIZE

Early Jersey Lima
Pole

“Our Seeds are Northern Grown, None Better at Any Price.”

BEANS—Climbing or Pole Varieties—Continued

	½Pt.	Pt.	Qt.	½Pk.
DREER'S LIMA,—Thick, fine quality, . . . . .	.25	.45	.80	\$3.00
KING OF THE GARDEN LIMA,—Heavy cropper, bean and pod very large, . . . . .	.25	.45	.80	3.00
SCARLET RUNNERS,—Grown principally for ornament, scarlet blossom, . . . . .	.25	.45	.80	
WHITE DUTCH RUNNERS,—Same habit as the scarlet, blossoms white, . . . . .	.25	.45	.80	
OLD HOMESTEAD, (Kentucky Wonder)—Probably the earliest of the green podded pole varieties, enormously productive, ten- der and nice, . . . . .	.25	.40	.75	2.75

BEETS—Table Varieties

CULTURE.—Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May. Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.



Early Blood
Turnip Beet

	Pkt.	Oz.	¼Lb.	Lb.
BASSANO,—Early flat,—An early, tender variety, color light, . . . . .	.05	.15	.50	\$1.50
BASTIAN'S EARLY BLOOD TURNIP,— A good variety to follow Egyptian and Eclipse, . . . . .	.05	.15	.50	1.50
CROSBY EGYPTIAN BEET,—An im- provement on the original Egyptian, fully as early and a better keeper, . . . . .	.10	.20	.60	1.80
CRIMSON GLOBE,—Selected. Rich deep crimson, fine quality tender and sweet, globe shaped, . . . . .	.10	.20	.60	1.80
DETROIT DARK RED TURNIP—Round, skin dark blood-red, flesh bright red, . . . . .	.10	.20	.60	1.80
EARLY BLOOD TURNIP,—One of the best known and most popu- lar sorts, deep blood-red color, excellent quality, . . . . .	.05	.15	.50	1.50
ECLIPSE BLOOD TURNIP,—Very early, one of the best, color bright red, . . . . .	.05	.20	.60	1.80
LONG SMOOTH BLOOD,—Long smooth, dark red, late variety, . . . . .	.05	.15	.50	1.80
SWISS CHARD OR SEA KALE BEET,—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach, . . . . .	.10	.20	.60	1.80

"Our Seeds are Northern Grown, None Better at Any Price."

MANGEL WURZEL

CULTURE.—Mangels require deep soil to grow well. Plow and subsoil at least a foot to 18 in. Apply plenty of rich stable manure or Mapes or Quinnipiac Fertilizers. Sow latter part of May or in June (5 to 8 lbs. to acre), in rows not less than 18 inches apart and thin to 8 inches in the row. Young plants may be transplanted to fill up vacancies. When plants are 3 to 4 inches high sow 600 lbs. Quinnipiac or Mapes fertilizer to the acre. Cultivate and hoe well, keeping down weeds.

Oz. $\frac{1}{4}$ Lb. Lb.

MAMMOTH PRIZE LONG RED,

—One of the best for deep soil, roots very large, very heavy cropper,

.15 .45 1.25

CHAMPION YELLOW GLOBE,

—Good keeper, smooth, globe shaped roots,

.15 .45 1.25

GOLDEN TANKARD, —

Flesh bright yellow, said to contain a large amount of sugar,

.15 .45 1.25

NORBITON GIANT,—

The largest variety grown, and one of the most popular,

.15 .45 1.25

LANE'S IMPERIAL SUGAR,—

White fleshed, said to contain a large amount of sugar,

.15 .45 1.25

BROCCOLI

Pkt. Oz.

WHITE CAPE,—(Cultivation same as Cauliflower) one of the most certain to head, heads compact, creamy white,

.15 .60

BRUSSELS SPROUTS

(Cultivation same as Cabbage.)

IMPROVED DWARF,—

Compact heads, probably the best,

.10 .50

CAULIFLOWER

CULTURE.—Same as cabbage except that an extra amount of fertilizer and plenty of water may be used to advantage.

Pkt. Oz.

EARLY SNOWBALL,—

The best cauliflower grown, a sure header,

.25 \$4.50

EXTRA EARLY PARIS,—

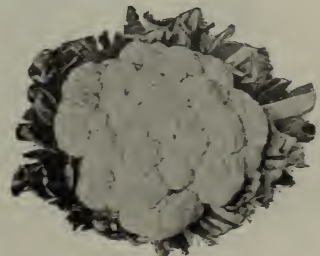
A standard variety,

.20 3.50

EARLY FAVORITE,—

An excellent very early variety,

.25 4.00

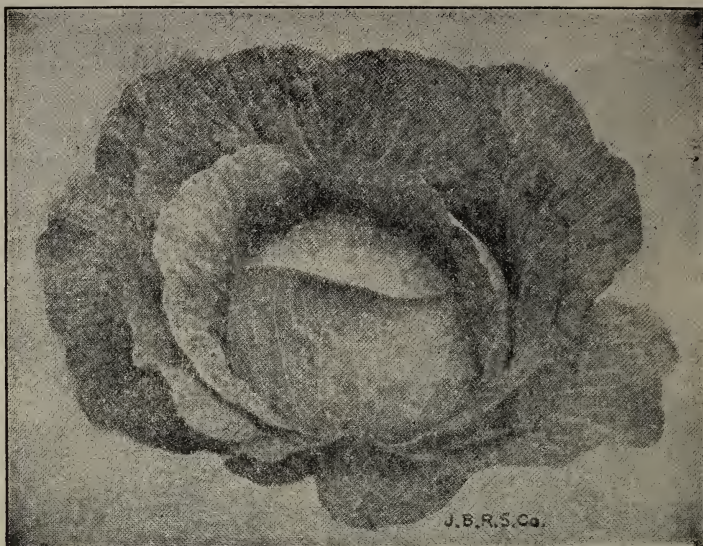


Snowball Cauliflower

Mammoth Prize Long Red

CABBAGE

CULTURE.—Soil for Cabbage should be rich, heavy loam, with good drainage. Use an abundance of stable Mapes or Quinnipiac Fertilizers, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.



ALL SEASONS,—Fine strain. Heads deep. Can be planted for early or late crop, 10c pkt., 40c oz., \$1.25 ¼ lb.

AUTUMN KING,—One of the finest of late cabbages, excellent keeper, 10c pkt., 40c oz., \$1.00 ¼ lb.

CHARLESTON LARGE WAKEFIELD,—About one week later than the Early Jersey Wakefield, but fully one half larger, 10c pkt., 45c oz., \$1.50 ¼ lb.

CHINESE (Wong-Boh) Chinese Celery Cabbage—delicate, mild, cabbage flavor, cultivation same as late cabbage, blanch by tying loosely with burlap, 10c pkt., oz., 50c, ¼ lb., \$1.50.

COPENHAGEN MARKET—The finest, large, round-headed, early Cabbage, solid, fine quality, short-stemmed. 15c pkt., 50c oz., \$1.50 ¼ lb.

EXCELSIOR LATE FLAT DUTCH,—A valuable late variety, one of the best for main winter crop, 10c pkt., 40c oz., \$1.25 ¼ lb.

IMPROVED EARLY SUMMER,—Ten days later than Jersey Wakefield, large heads, excellent second early, .10 .40 1.25

MAMMOTH ROCK RED,—Largest and surest header, red, .10 .45 1.50

SELECTED EARLY JERSEY WAKEFIELD,—The earliest cabbage, heads cone shaped and solid, .10 .50 1.50

EARLY WINNINGSTADT,—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head, .10 .45 1.25

STONE MASON DRUMHEAD,—Large firm heads, fine quality, late, .10 .45 1.25

DRUMHEAD SAVOY,—Very tender, excellent flavor, fine, .10 .45 1.50

SUREHEAD IMPROVED,—Large firm heads, late good main crop, .10 .40 1.25

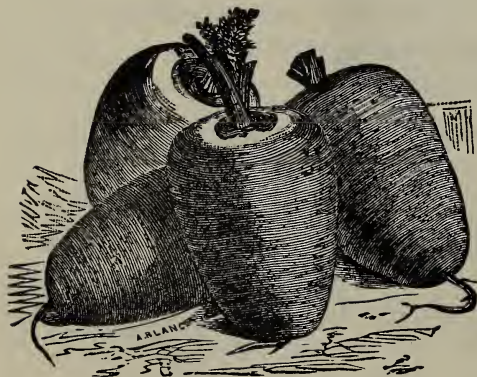
HOLLANDER OR DANISH BALL HEAD,—Medium size heads, solid, best keeping cabbage grown, .15 .60 2.00

CARROTS

CULTURE.—Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam deeply dug, richly manured, hoe often, cultivate deep.

OXHEART OR GUERANDE,—Roots, short and very thick, intermediate between Scarlet Horn and Half Long, 5c pkt., 20c oz., 60c ¼ lb., \$1.75 lb.

DANVERS' HALF LONG,—(Pointed), heavy yielding, roots 8 to 10 inches long, thick, dark orange, 5c pkt., 20c oz., 60c ¼ lb., \$1.75 lb.



New Oxheart Carrot

CARROTS—(Continued)

DANVER'S HALF LONG,—(Stump rooted), similar to above excepting that it has blunt roots, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$1.75 lb.

EARLY SCARLET HORN,—An early variety, deep orange, blunt root, 6 to 8 in., 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
FRENCH FORCING ,—Small round root, the earliest variety,	.10	.20	.60	\$2.00

INTERMEDIATE ,—Similar in shape to Danvers pointed, color deep orange, nearly coreless, good cropper,	.10	.20	.60	1.75
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IMPROVED LONG ORANGE ,—The best general crop in deep soil, excellent for stock or table,	.05	.20	.60	1.75
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CELERY



CULTURE.—Sow seeds in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of Mapes or Quinipiac Fertilizers. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

IMPROVED WHITE PLUME,—One of the easiest to raise as it

requires no "banking up." Early and attractive,	Pkt.	Oz.	$\frac{1}{4}$ Lb.
	.10	.50	\$1.50

DWARF GOLDEN HEART ,—Very solid golden yellow heart, excellent keeper, fine flavor,	.10	.50	1.50
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DWARF GOLDEN SELF BLANCHING ,—One of the best early, solid, fine nutty flavor, good size, golden yellow,	.20	1.00	3.00
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GIANT PASCAL ,—The largest variety grown, fine nutty flavor, excellent keeper easily blanched,	.10	.40	1.25
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WINTER QUEEN ,—Very large, blanches well, excellent keeper,	.10	.40	1.25
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BOSTON MARKET ,—Very popular, a strong grower, tender and crisp,	.10	.40	1.25
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SOUP CELERY ,—(Old seed for flavoring),	10c oz.,	20c $\frac{1}{4}$ lb.,	60c lb.
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CELERIAC—(Turnip-Rooted Celery)

CULTURE.—Similar to celery but needs no hilling up.

LARGE SMOOTH PRAGUE,—An improved variety, round, smooth roots, the largest and best variety, 10c pkt., 35c oz., \$1.15 $\frac{1}{4}$ lb.

CHERVIL

CULTURE.—Same as parsley.

CURLED,—The leaves are used for flavoring, 10c pkt., 50c oz., \$1.50 $\frac{1}{4}$ lb.

CHICORY

CULTURE.—Sow in June, transplant in autumn into sand in cellar.

LARGE ROOTED,—10c pkt., 35c oz., \$1.25 $\frac{1}{4}$ lb.,

WITLOOF,—Known as French Endive. Sow in May or June in drills. Thin to 6 inches, treat as Endive until end of summer, when it should be banked like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable; prepare as cauliflower. 10c pkt., 35c oz., \$1.25 $\frac{1}{4}$ lb.

CORN SALAD OR FETTICUS

CULTURE.—Sow in August in drills $\frac{1}{4}$ in. deep, 6 in. apart, keep down weeds. Just before winter cover thinly with straw or leaves.

LARGE GREEN CABBAGING,—A small, hardy, salad, used also as a substitute for lettuce, 5c pkt., 20c oz., \$.50 $\frac{1}{4}$ lb.

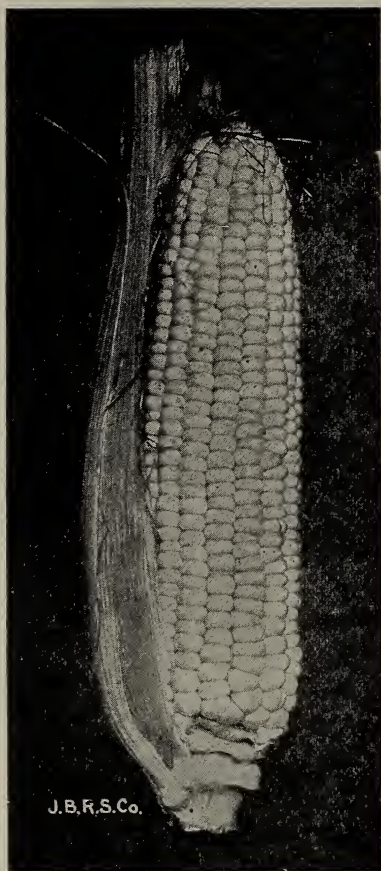
CORN—(Sweet or Sugar)

CULTURE.—Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. If stable manure is used, it is perhaps best to plow it under. Use broadcast or in the hill Mapes or Quinipiac Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.

We have been very careful in selecting the best and sweetest varieties of corn adapted to this section. The list below is arranged in order as they would mature. If two or more varieties are selected and planted at same time, they would be ready for the table at different times, one following the other.

$\frac{1}{2}$ Pt. Pt. Qt. $\frac{1}{2}$ Pk.

GOLDEN BANTAM ,—Small yellow ears, delicious flavor,	.20	.35	.60	2.00
MAMMOTH WHITE CORY , An improvement in size and quality over the white Cory,	.20	.35	.60	2.00
CROSBY EARLY ,—An old and popular variety, rather small ears, good quality,	.20	.35	.60	2.00
MINNESOTA EARLY ,—Very early and desirable, ears fair size, good quality,	.20	.35	.60	2.00
SHAKER EARLY ,—Large ears, excellent quality,	.20	.35	.60	2.00
BLACK MEXICAN ,—Medium early, black kernels,	.20	.35	.60	2.00
POTTER'S EXCELSIOR ,—Fine large ears, very sweet, deep grain, medium early,	.20	.35	.60	2.00
COUNTRY GENTLEMAN ,—A distinct variety, rather small ear, cob very small, but of delicious quality (late)	.20	.35	.60	2.00
STOWELL'S EVERGREEN , The standard for quality, and the best known variety, remains a long time in suitable condition for boiling,	.20	.35	.60	2.00



ENSILAGE OR FODDER CORN

GOLDEN BEAUTY,—An excellent ensilage corn, large growth. Produces an abundance of large ears, resembles the Leaming, but is earlier which is an advantage in Berkshire County and vicinity. Pk. \$1.00. Bu. \$3.50.

EUREKA,—A very large growing variety with an abundance of leaves. Pk. \$1.50. Bu. \$5.00.

LEAMING,—The popular corn for ensilage, very well known, similar to the Golden Beauty, but not quite so early. Pk. \$1.00. Bu. \$3.50.

WEST BRANCH,—An early, large growing variety, new in this section. It promises to be a winner. Pk. \$1.25. Bu. \$4.50.



A Local Field of Our GOLDEN BEAUTY Ensilage Corn

FIELD CORN

CULTURE.—Same as Sweet Corn. Some prefer to plant in drills. Use "Quinnipiac" or "Mapes" Fertilizer, worked well into the soil when planting and before second hoeing.

EIGHT ROW YELLOW,—From selected ears grown in this vicinity. Price 25c qt., \$1.50 peck, \$5.00 bu.

TWELVE ROW YELLOW,—From selected ears grown in this vicinity. Price 25c qt., \$1.50 peck, \$5.00 bu.

POP CORN

RICE,—Shelled,—selected for seed, Per lb., 20c
RICE,— " —for popping, Per lb., 15c

CRESS OR PEPPER GRASS

CULTURE.—Sow curled variety thickly in shallow drills every two or three weeks. Cut often. Sow water cress in damp soil or along streams of water.

EXTRA CURLED,—Used as salad, Pkt. Oz. ¼Lb.
 .05 .15 .50
TRUE WATER CRESS,—Grows along the
 banks of ponds and streams—a fine salad, .10 1.00 3.50

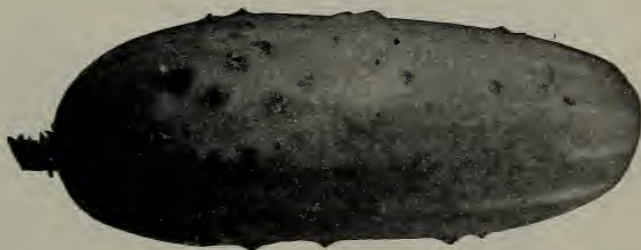
CUCUMBERS

CULTURE.—For very early, sow seeds in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again every two weeks for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 ft. apart, making hills rich.

TELEGRAPH,—For growing in hotbeds or greenhouses, Pkt., 25c
BOSTON PICKLING,—One of the best for pickling, 10c pkt., 20c oz., 60c ¼ lb.

COOL AND CRISP,—
 New, very desirable for both pickling and slicing, 10c pkt., 20c oz., 60c ¼lb.

EARLY CLUSTER,—A popular variety, grows in pairs, 10c pkt., 20c oz., 60c ¼lb.



JAPANESE CLIMBING,—Good for frames or open ground, 10c pkt., 25c oz., 75c ¼lb.

FORDHOOK PICKLING,—Very prolific, medium size, fine pickling strain, 10c pkt., 20c oz., 60c ¼lb.

HOWARDS EARLY FORTUNE,—Selected, The finest type of White Spine yet produced. Early, very productive and disease-resisting. Fruits nine inches long, slightly tapering, flesh white, firm and crisp, with very few seeds, color rich dark green, one of the very best slicing and pickling cucumbers. pkt. 10c, oz. 25c, ¼lb. 75c.

IMPROVED LONG GREEN,—The favorite for general crop, good pickler or slicer, 10c pkt., 25c oz., 75c ¼lb.

NICHOL'S MEDIUM GREEN,—Intermediate between Long Green and Frame, 10c pkt., 20c oz., 60c ¼lb.

SNOW'S PERFECTED PICKLE,—Excellent pickling cucumber, 10c pkt., 25c oz., 75c ¼lb.

IMPROVED WHITE SPINE,—One of the popular varieties, early, vigorous grower, crisp and fine flavor, 10c pkt., 20c oz., 60c ¼lb.

DANDELION

CULTURE.—Sow in early Spring in drills 1-2 in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.

IMPROVED THICK LEAVED,—Very much superior to the common dandelion for greens. 20c per pkt., \$1.00 oz.

"Our Seeds are Northern Grown, None Better at Any Price."

EGG PLANT

CULTURE.—Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 feet by 2 feet.

NEW YORK IMPROVED SPINELESS,—The earliest and probably the best, 15c per pkt., 85c per oz., \$2.75 per $\frac{1}{4}$ lb.

ENDIVE

CULTURE.—Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with a ball of earth and put in cool dry cellar. Handling of plants must be done when perfectly dry.

GREEN CURLED,—The popular variety, one of the best salads for fall and winter use, 10c pkt., 25c oz., 70c $\frac{1}{4}$ lb.

MOSS CURLED,—10c pkt., 25c oz., 70c $\frac{1}{4}$ lb.

BROAD LEAVED,—A sweet variety; fall or winter, 10c pkt., 25c oz., 70c $\frac{1}{4}$ lb.

WHITE CURLED,—For early use, 10c pkt., 25c oz., 70c $\frac{1}{4}$ lb.

GOURDS

FANCY VARIETY MIXED,—5c pkt., 30c oz.

Kale or Borecole

CULTURE.—Same as cabbage.

DWARF GREEN CURLED SCOTCH,—Grown for winter greens, 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb., \$3.00 lb.

KOHL RABBI—or Turnip-Rooted Cabbage

CULTURE.—Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

PURPLE VIENNA,—10c pkt., 35c oz., \$1.00 $\frac{1}{4}$ lb.



Hanson Lettuce

LETTUCE

CULTURE.—Sow in hot beds, and in open ground as soon as it can be worked. sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact lettuce to be tender and crisp should have rapid growth, otherwise it will be tough and probably bitter.

BIG BOSTON,—About twice the size and one week later than The Boston Market, produces large solid heads,
BOSTON MARKET,—Edges slightly tinged with red, good forcing or out-door variety,
GRAND RAPIDS,—One of the best forcing varieties, strong grower, curly, tender, crisp and retains its freshness a long time after being cut,
GOLDEN QUEEN,—Medium size golden yellow, solid heads, early,
HANSON IMPROVED,—Outer leaves green, inner white, sure header, excellent quality, very satisfactory,
MAY KING,—Large, round, solid heads, outer leaves yellowish green, tinged with brown, inside rich, golden yellow, early,
NEW YORK CABBAGE,—Not a forcing variety but one of the best summer lettuces, forms large heads, inside white,
PHILADELPHIA BUTTER,—Inner leaves yellow, heads solid,
PRIZE HEAD,—Leaves green and red, thin, crisp and tender,
SALAMANDER,—Heads compact, resists summer heat admirably, light green outside, white inside,

Pkt. Oz. $\frac{1}{4}$ Lb.

.05 .20 .60

.05 .20 .60

.05 .20 .60

.05 .20 .60

.05 .20 .60

.05 .20 .60

.05 .20 .60

.05 .20 .60

.05 .20 .60

LETTUCE—(Continued)

	Pkt.	Oz.	¼Lb.
SIMPSON BLACK SEEDED ,—Leaves yellow, good for forcing or sowing out of doors,	.05	.20	.60
TENNIS BALL, BLACK SEEDED ,—Forms handsome hard head, crisp and tender,	.05	.20	.60
TENNIS BALL, WHITE SEEDED ,—Excellent forcing variety, head firm, white and crisp,	.05	.20	.60
TRIANON COS OR ROMAINE ,—Self-closing, an excellent variety, bleaches white, very crisp and tender,	.05	.20	.60
WHITE PARIS COS ,—Has long narrow leaves, does not head, but when tied up blanches very nicely,	.05	.20	.60

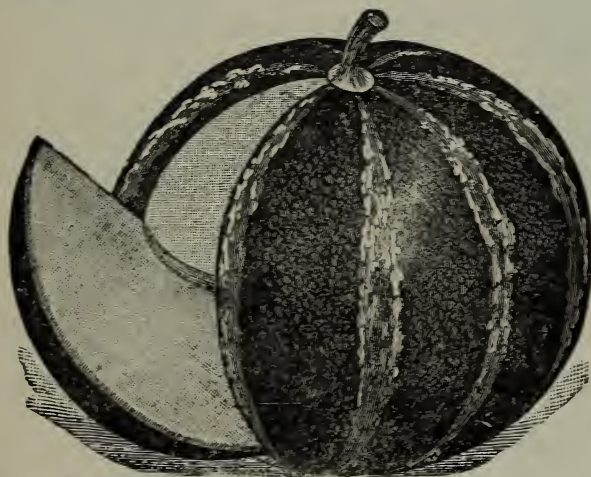
LEEK

CULTURE.—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 inches apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG,—By far the best variety grown, 10c pkt., 40c oz., \$1.25 ¼ lb.

MUSK MELON

CULTURE.—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.



HACKENSACK EXTRA EARLY IMPROVED,—Quality perfect, very early, popular in this section, 5c pkt., 20c oz., 60c ¼ lb.

EMERALD GEM,—Medium size skin smooth, deep green, flesh salmon, delicious flavor, 5c pkt., 20c oz., 60c ¼ lb.

GOLDEN NETTED GEM—Round, very early, delicious, 5c pkt., 20c oz., 60c ¼ lb.

MILLER'S CREAM OR OSAGE—Delicious flavor, flesh thick, salmon pink, 5c pkt., 20c oz., 60c ¼ lb.

MONTREAL NUTMEG.—Excellent variety, large size, flesh melting and of delicious flavor, 5c pkt., 20c oz., 60c ¼ lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 5c pkt., 20c oz., 60c ¼ lb.

SURPRISE,—One of the best for this section, flesh deep salmon, thick and fine flavor, 5c pkt., 20c oz., 60c ¼ lb.

WATER MELON

CULTURE.—Same as Musk Melon, only plant further apart, about 8 or 10 feet

PHINNEY'S EARLY ,—Very early, fine quality, excellent variety for this section,	Pkt.	Oz.	¼Lb.
	.05	.15	.40
MOUNTAIN SWEET ,—Early, oblong, dark green, flesh red, solid, sweet,	.05	.15	.40
CITRON ,—Red Seed,—For Preserving,	.05	.15	.40

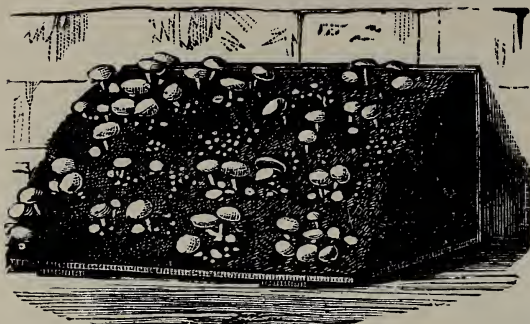
MUSTARD

CULTURE.—Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

BLACK OR BROWN,—For salads, 5c pkt., 10c oz., 35c ¼ lb.

WHITE LONDON,—For salads, 5c pkt., 10c oz., 35c ¼ lb.

"Our Seeds are Northern Grown, None Better at Any Price."



Mushroom Bed

MUSHROOM SPAWN

CULTURE.—Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may

be added. Upon a dry firm bottom, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results.

AMERICAN,—In bricks, per brick 35c. 10 bricks \$3.25.

ENGLISH,—" " " 25c. 10 " 2.25.

NASTURTIUM—(See Flower Seed) OKRA OR GUMBO

CULTURE.—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

	Pkt.	Oz.	¼Lb.	Lb.
DWARF WHITE VELVET ,—Pods round, smooth and white, very prolific,	.05	.10	.30	1.00
DWARF GREEN ,—Very early,	.05	.10	.30	1.00

ONIONS

CULTURE.—Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse). Hoe or rake frequently to keep down weeds. Use Mapes or Quinpiac Fertilizers.

YELLOW GLOBE DANVERS—Howard's Finest Strain.—This seed is grown from the very earliest, and best selected Onions, and is very much superior to the average seed offered.—The Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 10c pkt., 30c oz., 85c ¼ lb., \$3.00 lb.

YELLOW GLOBE DANVERS,—Fine Strain, —While this is not equal to our finest strain, it is fully equal to most onion seed, and the same that is usually sold by dealers, 10c pkt., 25c oz., \$0.75 ¼ lb., \$2.75 lb.

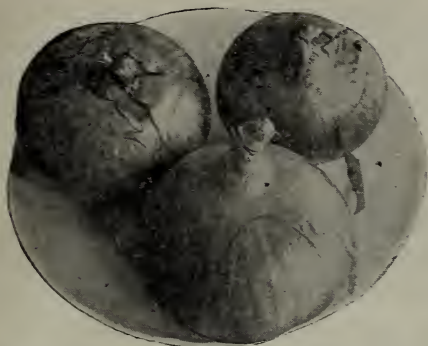
EXTRA EARLY FLAT RED,—Very early, medium size, mild, 10c pkt., 30c oz., 85c ¼ lb. \$3.00 lb.

NEW QUEEN,—Rapid grower, mild flavor, flat, white, fine for pickling, 10c pkt., 40c oz., \$1.25 ¼ lb., \$4.00 lb.



"Our Seeds are Northern Grown, None Better at Any Price."

ONION SEED



LARGE RED WETHERSFIELD,—Large yielder, good keeper, 10c pkt., 30c oz., 85c ¼lb., \$3.00 lb.

PRIZETAKER,—Bulbs very large, uniform, very productive, flavor mild, color, bright straw, choice American stock, 10c pkt., 35c oz., \$1.00 ¼lb., \$3.50 lb.

SOUTHPORT WHITE GLOBE,—Large, firm, fine, grained, mild flavor, 10c pkt., 35c oz., \$1.00 ¼lb., \$3.50 lb.

SOUTHPORT YELLOW GLOBE,—Same as White except in color, 10c pkt., 30c oz., 85c ¼lb., \$3.00 lb.

WHITE PORTUGAL OR SILVERSKIN,—A flat white onion, fine grained, good keeper, 10c pkt., 30c oz., 85c ¼lb., \$3.00 lb.

HOWARD'S EXTRA EARLY RED GLOBE,—Ten days earlier than Southport Red Globe, color beautiful bright red, 10c pkt., 35c oz., \$1.00 ¼ lb., \$3.50 lb.

ONION SETS

	Qt.	½Pk.	Pk.	Bu.
White, price subject to change,	.35	\$1.30	\$2.50	\$9.50
Yellow, price subject to change,	.30	\$1.10	\$2.10	\$8.00

PARSLEY

CULTURE—Soak seed a few hours in warm water, sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

CHAMPION MOSS CURLED,—Beautifully crimped and curled, 5c pkt., 15c oz., 50c ¼ lb., \$1.50 lb.



Champion Moss Curled Parsley

FINE DOUBLE CURLED,—A standard variety, finely curled leaves, 5c pkt., 15c oz., 50c ¼lb., \$1.50 lb.

FERN LEAVED,—Has a feathery, fern-like appearance, 5c pkt., 15c oz., 50c ¼ lb., \$1.50 lb.

PARSNIP

CULTURE.—Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

	Pkt.	Oz.	¼lb.	Lb.
LONG SMOOTH WHITE ,—Standard variety, long, smooth, white roots,	.05	.15	.50	1.50
HOLLOW CROWNED ,—An excellent variety, fine quality,	.05	.15	.50	1.50
STUDENT ,—Fine strain, with long smooth roots,	.05	.15	.50	1.50

PEAS

CULTURE.—For Peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late Peas must be planted early. Early Peas may be planted early or late, and the extra early very late. Sow in single or double rows from 4 to 6 feet apart, according to variety, and about an inch apart in the row and 4 in. deep. Hoe often, keep ground clean and fine. Most Dwarf Peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with clear water of the same temperature as the atmosphere, using force.

"Our Seeds are Northern Grown, None Better at Any Price."

PEAS—(Continued)—Extra Early Dwarf Varieties



Those marked with a star () are wrinkled peas and unless otherwise stated, should be sown thicker than the round Peas.

	Height in ft.	Pt.	Qt.	½Pk.	Peck
*AMERICAN WONDER,—					
Fine quality very early,	1	.45	.80	\$2.75	4.75
*PREMIUM GEM—An					
improvement on Little Gem					
fine variety,	1¼	.45	.80	\$2.75	4.75
*HOWARD'S HUNDRED FOLD—					
One of the best of the extra early large podded varieties,	1⅓	.45	.80	\$3.00	5.25

***HOWARD'S EARLY DWARF—**A new, very early, wrinkled variety which promises to be one of the best of the dwarf peas,

1¼ .45 .80 \$3.00 5.25

***LAXTONIAN,—**Very large, dark green, curved pods and peas of finest flavor, good yielder. very early,

1 .45 .80 \$2.75 4.75

***NOTT'S EXCELSIOR,—**Fine quality, very early, good yielder,

1¼ .45 .80 \$2.75 4.75

***SUTTON'S EXCELSIOR—**Similar to Nott's larger pods,

1 .45 .80 \$2.75 4.75

Extra Early Varieties—Not Dwarf

HOWARD'S EXTRA EARLY

One of the very earliest peas grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts, height,

3 ft. .40 .70 \$2.50 4.50

ALASKA,—The earliest blue pea, fine sort, hardy and productive,

2½ .35 .60 \$2.00 3.75

***GRADUS,—(Prosperity),—**One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,

3 .45 .80 \$2.75 4.75

“Our Seeds are Northern Grown, None Better at Any Price.”

PEAS—(Continued)—Extra Early Varieties

	Height in feet	Pt.	Qt.	½Pk.	Pk.
*THOMAS LAXTON,—Very early and productive, pods large, finest flavor,	3	.45	.80	\$2.75	4.75
IMPROVED DAN'L O'ROURKE,—A reliable early sort,	2½	.40	.70	\$2.50	4.50

Second Early Varieties

*EVERBEARING,—Remains long time in bearing, peas large. pods long, fine flavor,	2½	.35	.60	2.00	3.75
*NEW DWARF CHAMPION,—Very productive, large peas, delicious flavor,	2	.35	.60	2.00	3.75
*McLEAN'S ADVANCER,—A fine and popular variety,	2½	.35	.60	2.00	3.75

Tall Late Varieties

*ALDERMAN,—Extra large pods, filled with large wrinkled peas of fine flavor, very productive,	4	.45	.80	2.75	4.75
*HOWARD'S PRIZEWINNER,—New, large pods, similar to Telephone, but shorter vine, excellent quality.	2½	.45	.80	2.75	4.75
*CHAMPION OF ENGLAND,—One of the richest, best flavored peas. well known and popular,	5	.45	.80	2.75	4.75
*IMPROVED TELEPHONE,—Very fine strain, pods very large, well filled, quality excellent,	4	.45	.80	2.75	4.75
CANADA FIELD,—Principally sown for feeding stock, market price, pk., \$1.50, bu., \$5.50.					
BLACKEYED MARROWFAT,—An old-time favorite,	5	.25	.45	1.50	2.50
SUGAR, MAMMOTH MELTING,—Edible pods,	4	.45	.80		



Ruby King

PEPPERS

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.

	Pk.	Oz.	¼Lb.
LARGE BELL OR BULL NOSE,—A favorite, large, mild, red,	.10	.75	2.25
LONG RED CAYENNE,—Small, long, bright, red, extremely strong,	.10	.75	2.25
CHINESE GIANT,—Very large, flesh mild and thick, bright scarlet,	.10	1.00	
RUBY KING,—Mild, very large and handsome,	.10	.90	
SWEET MOUNTAIN,—Large and mild, a popular sort,	.10	.75	2.25
RED CHERRY,—Cherry-shaped, for pickles.	.10	.75	



POTATOES

CULTURE.—So many conflicting opinions exist as to the best method of growing potatoes, that we do not venture to give directions for culture. We do, however, make the following suggestions: Plant in such a manner that most of the heavy hard work can be done by the horse. Use "Mapes Potato Manure," or "Quinnipiac Potato or Market Garden," in sufficient quantities to insure a crop. Always bear in mind that to get the full benefit of the fertilizer and not burn the roots it should be thoroughly mixed with the soil. If stable manure is used at all, it should not come in contact with the tubers, as it is sure to make the crop rough and scabby.

These Potatoes were raised from our Maine Grown Seed, the crop was uniform and heavy and of excellent quality.

POTATOES

Use the "Quinnipiac or Mapes Fertilizers." To insure quantity and quality in your potato crop there are positively no better fertilizers made.

PRICES SUBJECT TO CHANGE

Early Potatoes

The Potatoes we offer were grown and harvested in Maine especially for seed purposes.

	$\frac{1}{2}$ Pk.	Pk.	Bu.	165 lb. Sack
EARLY DEW DROP ,—New, fine quality, early white variety, good yielders,	.60	1.00	3.00	6.50
EARLY ROSE ,—A well known early variety,	.60	1.00	3.00	6.50
IRISH COBBLER ,—Fine quality, white, vigorous growth,	.60	1.00	3.00	6.50

INTERMEDIATE and LATE VARIETIES

HUSTLER OR RUSSET ,—White flesh, Russet skin, fine quality, said to be extremely disease resisting,	.60	1.00	3.00	6.50
NORCROSS ,—Late, white, oval potato, good quality, good main crop,	.60	1.00	3.00	6.50
GREEN MOUNTAIN ,—Oval, white, excellent, heavy yielder,	.60	1.00	3.00	6.50

PUMPKINS

CULTURE.—Same as for squash, or may be planted with corn.

CONNECTICUT FIELD,—The popular one for general crop, usually grown in corn fields for stock. Prices on application.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
KING OF THE MAMMOTHS ,—Grows very large, round, flat, yellow,	.10	.25	.75
SWEET OR SUGAR ,—Small, round, yellow, excellent for pies,	.05	.15	.50

"Our Seeds are Northern Grown, None Better at Any Price."



RADISH

CULTURE.—Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.

EARLY ROUND DARK RED,—Early, pleasant flavored, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

EARLY SCARLET TURNIP,—Popular, quick grower, mild flavor, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

SCARLET TURNIP, WHITE TIPPED,—Very early, fine quality, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

OLIVE SHAPED SCARLET,—Early, flesh firm and crisp, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

ROSY GEM,—Globe-shaped, deep scarlet on top blending to white on the bottom, very fine, .05 .15 .50 1.60

FRENCH BREAKFAST,—Olive-shaped, white-tipped, popular, .05 .15 .50 1.60

SCARLET GLOBE,—One of the earliest, good for forcing or open ground culture, crisp and tender, .05 .15 .50 1.60

LONG SCARLET SHORT TOP,—The old favorite, .05 .15 .50 1.60

LONG ICICLE,—Pure white, fine flavor, .05 .15 .50 1.60

WHITE LADY FINGER OR VIENNA,—The finest of the long, white radishes, .05 .15 .50 1.60

WHITE STRASBURG,—Long summer variety of good quality, .05 .15 .50 1.60

Winter Radishes

ROUND BLACK SPANISH,—Skin black, globe-shaped, tender, .05 .20 .50 1.60

LONG WHITE SPANISH,—Skin white, mild, .05 .15 .50 1.60

ROSE CHINA WINTER,—Rose-colored skin, flesh white, quality excellent, .05 .15 .50 1.60

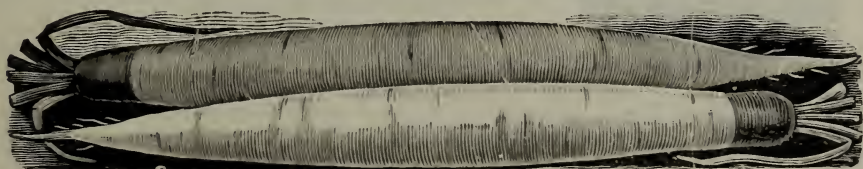
RHUBARB

CULTURE.—Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. Ground should be very rich. Cover in fall with thick dressing of coarse manure, spade under in the spring.

VICTORIA,—A popular variety, 10c pkt., 25c oz.

ROOTS,—Each 25c, \$2.00 doz.

SALSIFY OR VEGETABLE OYSTER



CULTURE.—Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 6 in. in row. Cultivate and treat as parsnips.

MAMMOTH SANDWICH ISLAND,—The best variety, 10c pkt., 35c oz., \$1.25 $\frac{1}{4}$ lb.

"Our Seeds are Northern Grown, None Better at Any Price."

SPINACH



CULTURE,—Sow early in spring in drills one ft. apart. As it grows, thin out for use. For fall use sow in August. Sow New Zealand in hills two feet apart each way, three or four seeds in hill. This is fit for cutting all summer.

BLOOMSDALE SAVOY LEAVED,—Crinkled leaves, hardy, fine quality, 5c pkt., 10c oz., 30c $\frac{1}{4}$ lb., 90c lb.

LARGE VIROFLAY,—Leaves thick, roundish, heavy cropper, 5c pkt., 10c oz., 30c $\frac{1}{4}$ lb., 90c lb.

LONG-STANDING THICK-LEAVED,—Dark green, stands a long time before going to seed, 5c pkt., 10c oz., 30c $\frac{1}{4}$ lb., 90c lb.

NEW ZEALAND,—Should be started and transplanted, grows well during the hot weather. Seed should be soaked in hot water before sowing,

THICK-LEAVED ROUND,—One of the best, leaves large, thick, crumpled,

PRICKLY WINTER,—

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
.10	20	.60	\$1.75
.05	.10	.30	.90
.05	.10	.30	.90

SQUASH—Summer Varieties

CULTURE.—Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

WHITE BUSH SCALLOP,—Very early, Pkt. Oz. $\frac{1}{4}$ Lb. Lb.
good shipper, .05 .25 .75 2.00

YELLOW BUSH SCALLOPED,—Same as above, excepting color, .05 .25 .75 2.00

GIANT SUMMER CROOKNECK BUSH,—The favorite summer variety, .05 .25 .75 2.00

VEGETABLE MARROW,—Summer and fall variety, outside yellow, flesh white, .10 .50 1.50



Fall and Winter Varieties

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
BOSTON MARROW ,—Fine fall variety, oval, bright orange, .05 .25 .75 2.50				
DELICIOUS ,—Green skin, orange flesh, fine grained, sweet and dry, .05 .25 .75 2.50				
IMPROVED HUBBARD ,—The leading variety, fine, grained, dry, excellent, flavor, .05 .25 .75 2.50				

IMPROVED MARBLEHEAD,—Similar to Hubbard, a trifle earlier, .05 .25 .75 2.50

MAMMOTH CHILI,—Orange yellow, grows very large, .05 .25 .75 2.50

SUNFLOWER,—See Flower Seeds.

TOBACCO,—Connecticut Seed Leaf, 10c pkt., 75c oz.

"Our Seeds are Northern Grown, None Better at Any Price."

TOMATO



CULTURE.—Sow thinly in March in hotbed or in boxes in the house; when 2 inches high set out plants in boxes, four inches apart or pot singly. If again transplanted before setting in the ground they will be benefited. Plant out about June 1st. Set deeply 4 feet each way. Make hills very rich. Support with frame work or train to stakes.

	Pkt.	Oz.	¼Lb.	Lb.
ACME,—Early, smooth, solid, color purplish red,	.10	.50	\$1.50	
BEAUTY (Livingston's),—Large, smooth, solid, purplish red,	.10	.50	1.50	
CHALK'S EARLY JEWEL,—New, large, solid, smooth, bright red, very early,	.10	.50	1.50	
CORELESS (Livingston's),—Almost round, bright red, very productive, Ripens all over at once, almost free from green core, fine for slicing,	.10	.60	2.00	
CRIMSON CUSHION,—Very large, scarlet crimson, few seeds, fine new variety,	.15	.85	3.00	
DWARF CHAMPION,—Vine compact and upright, very early, smooth, color same as Acme,	.10	.50	1.50	
EARLIANA,—Extra early, bright red,	.10	.50	1.50	
FAVORITE, (Livingston's),—Large, smooth, productive, good shipper,	.10	.50	1.50	
PERFECTION, (Livingston's),—Early, regular, productive, blood-red, few seeds,	.10	.50	1.50	
PONDEROSA,—One of the largest, solid, good flavor, bright red,	.15	.85	3.00	
RED CHERRY,—Fruit small, about ⅝ inch in diameter, fine for preserves,	.15	.75		
STONE,—Very solid, deep red, apple shape, large, good shipper,	.10	.50	1.50	
YELLOW PLUM,—Plum shaped, deep yellow, fine flavored,	.10	.75		
TROPHY, Extra Selected,—A standard late sort,	.10	.50	1.50	

TURNIP

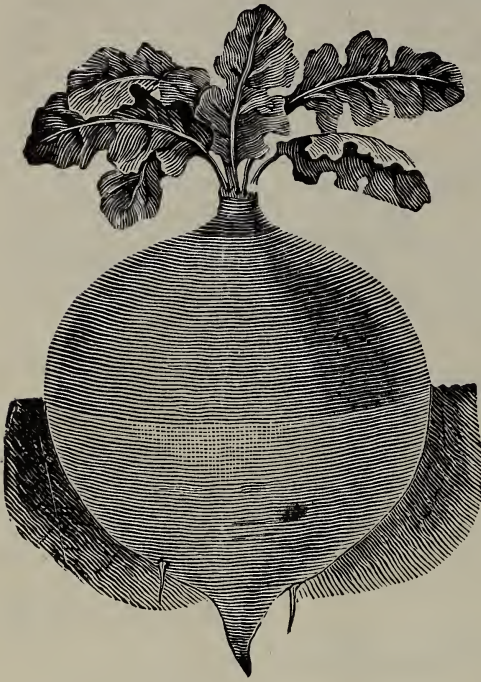


CULTURE.—For early turnips sow as soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in. apart; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

	Pkt.	Oz.	¼Lb.	Lb.
EARLY SNOWBALL, — Round, medium size, fine quality,	.05	.15	.50	\$1.75
EARLY WHITE FLAT DUTCH,—Sweet and fine grained,	.05	.15	.50	1.75
EXTRA EARLY PURPLE TOP MILAN,—The earliest turnip grown,	.05	.25	.85	3.00
LONG WHITE COWHORN,—Roots carrot shaped, flesh firm, white and sweet,	.05	.15	.50	1.75
PURPLE TOP STRAP-LEAVED,—The leading variety for sowing broadcast, good for stock or table use,	.05	.15	.50	1.50
PURPLE TOP WHITE GLOBE,—Good for stock or table,	.05	.15	.50	1.50
IMPROVED GOLDEN BALL,—An excellent table variety, round, yellow fleshed, sweet and solid,	.05	.15	.50	1.75
WHITE EGG,—Good yielder, flesh firm, fine grained and sweet,	.05	.15	.50	1.50
YELLOW ABERDEEN,—Flesh pale yellow, tender, fine flavored,	.05	.15	.50	1.50
YELLOW GLOBE,—Good for general crop, grows large, good keeper,	.05	.15	.50	1.50
YELLOW STONE,—Good table variety, good keeper,	.05	.15	.50	1.50

“Our Seeds are Northern Grown, None Better at Any Price.”

TURNIP—(Continued)—Ruta Baga or Swedish Varieties



IMPROVED AMERICAN PURPLE TOP,—

The favorite yellow fleshed winter turnip, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

LONG ISLAND PURPLE TOP,—One of the

best, flesh yellow, solid, sweet, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

SHAMROCK SWEDE,—An excellent yellow

fleshed variety, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

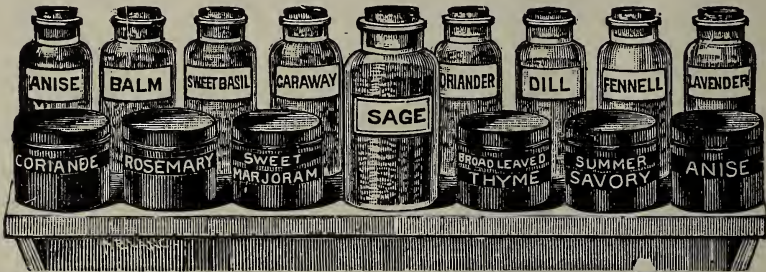
WHITE SWEDE,—A superior white fleshed

variety, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

WHITE SWEET GERMAN,—A fine sweet

winter variety, good keeper, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

HERBS



	Pkt.	Oz.
ANISE,—For garnishing and flavoring.....	.10	.40
BALM,—Used for making balm tea.....	.10	.50
CARAWAY,—For flavoring.....	.10	.50
CORIANDER,—For flavoring.....	.05	.10
DILL,—For flavoring.....	.10	.20
HOREHOUND,—Used for its tonic properties.....	.10	.50
LAVENDER,—Leaves very fragrant.....	.25	1.00
ROSEMARY,—Leaves very fragrant.....	.10	
RUE,—Used for medicinal purposes.....	.10	
SAGE,—A medicinal and flavoring herb.....	.15	.75
SWEET BASIL,—Leaves used for flavoring.....	.10	.30
SWEET FENNEL,—Seeds aromatic.....	.10	.20
SWEET MARJORAM,—Used for seasoning.....	.15	.75
SUMMER SAVORY,—Used for seasoning.....	.10	.50
THYME,—Used for seasoning.....	.15	1.00
WORMWOOD,—Used for medicinal purposes.....	.10	.60

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS

STANDARD VARIETIES.

Those marked # are climbers

ALYSSUM, Sweet, white, very fragrant, annual,	Pkt. Oz.
AMARANTHUS—"Joseph's Coat,"—Ornamental foliage plant, easily cultivated, very showy, annual, mixed,	.05
ANTIRRHINUM,—"Snap Dragon,"—Half hardy perennial. An old favorite border plant, blooms the first season, but the flowers are stronger the second year, grand for cutting,	.05

ASTERS

One of the most popular and useful of our annuals.

VICTORIA,—Finest Mixed,—Flower very large and double, considered all in all one of the most satisfactory strains of asters	.10
COMET,—Mixed,—Large beautiful flowers, resembling the Japanese Chrysanthemum,	.10
PERFECTION WHITE,—Large flowers, one of the best of the white asters,	.15

CHINA,—Mixed Colors, .05

BALSAM, (Lady Slipper)—Mixed Double—An old favorite summer garden annual,	.10
BACHELOR BUTTON,—See Centaurea and Globe Amaranth.	

CALLIOPSIS OR COREOPSIS,—Mixed Colors,—Showy summer bedding annuals, producing a profusion of every shade of yellow, orange, crimson, red and brown. .05

CAMPANULA,—Canterbury Bells,—“Cup and Saucer.” The finest variety with white and blue flowers, resembling a cup and saucer, hardy perennial, .10

#CANARYBIRD VINE,—Yellow flower, rapid climber, .10

CANDYTUFT,—Mixed Annual,—For massing in beds or borders, fine for cutting, .05 .30

CANDYTUFT,—White— .05 .40

CARNATION MARGUERITE,—Finest Mixed,

These beautiful flowers are very fragrant, great favorites, comparatively easy to cultivate, .10

CARNATION GIANT MARGUERITE,—Finest Mixed, .15

CASTOR OIL PLANT,—See Ricinus.

CELOSIA OR COCKSCOMB,—Glasgow Prize,—Popular annuals of easiest culture, .10

CELOSIA,—Mixed, .10

CENTAUREA,—“Bachelor Buttons,”—Mixed, a very old favorite garden annual, .05

CLARKIA,—Hardy Annual,—Mixed, .10

#COBAEA SCANDENS,—Mixed rapid growing climber, flowers large and bellshaped, plant seeds edgewise, cover lightly, .10

COLUMBINE,—Double Mixed.—A most desirable border plant, .05

#CONVOLVULUS MAJOR,—Tall Morning Glory. A rapid free flowering climber, .05 .20

CONVOLVULUS MINOR,—Dwarf Morning Glory, .05

COSMOS,—Extra early fancy mixed,—One of the notable fall flowers, .10

#CYPRESS VINE,—Mixed,—Summer climbing annual with feathery foliage and star-shaped flowers, borne in clusters, .05

DIANTHUS, OR PINKS,—

The Dianthus is one of the most beautiful and satisfactory of the garden annuals; they are unrivaled for brilliancy and profusion of bloom.

DIANTHUS CHINENSIS,—China Pink,—Mixed double, 5c pkt.



Asters



Calliopsis



Dianthus Chinensis

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

DIANTHUS HEDDEWIGII,—Japan Pink,—

Mixed Double, 10c pkt.

#DOLICHOS,—**Hyacinth Bean**,—Mixed annual climbing plant of rapid growth, 5c pkt.

ESCHSCHOLTZIA,—"California Poppy",—Mixed single, very attractive for edgings or masses, large handsome flowers of yellow, orange and white, 5c pkt.

FORGET-ME-NOT,—"Myosotis"—Mixed, bears clusters of lovely small flowers,—hardy perennial, 10c pkt.

FOUR O'CLOCK,—See Marvel of Peru.

GAILLARDIA,—Mixed, exceedingly beautiful annuals, blossoms from early summer until frost, unrivalled for cutting, 5c pkt.

GLOBE AMARANTH,—Mixed, a species of Bachelor Button, very ornamental, a summer blooming plant, 5c pkt.



Dianthus Heddwigii

HELIOTROPE,—Finest mixed,—Deliciously fragrant flowering plant, tender perennial, 10c pkt.



Eschscholtzia

HOLLYHOCK,—Double mixed,—choice, 10c pkt.

HYACINTH BEAN,—See Dolichos.

LARKSPUR,—Double dwarf rocket, mixed,—Free flowering hardy annuals, flowers borne in long spikes, 5c pkt.

LOBELIA,—Erinus, mixed, a trailing plant, producing bright blue, white or rose flowers, 10c pkt.

LOVE-IN-A-MIST,—"Nigella",—Dwarf, double, foliage feathery, with white or blue flowers, pretty annuals, 5c pkt.

MARIGOLD,—Double African Mixed,—Very effective for groups and masses; a favorite annual, 5c pkt.

MARIGOLD,—Double French Dwarf,—Mixed, 5c pkt.

MARVEL OF PERU,—"Four O'-Clock",—Mixed, beautiful summer blooming annual of bushy habit, large flowers of white, yellow, crimson and striped, 5c pkt.

MIGNONETTE,—Large flowering, the common sweet mignonette, very fragrant, 5c pkt. 25c oz.

MIGNONETTE MACHET, The Dwarf French variety, with broad spikes of fragrant red flowers, one of the best varieties for outdoor culture, 10c pkt.



Double African Marigold

MIGNONETTE,—Defiance,—Produces mammoth spikes deliciously fragrant, one of the best for indoor culture, 10c pkt., 75c oz.

MYOSOTIS,—See Forget-me-not.

#JAPANESE IMPERIAL MORNING GLORY,—Mixed, rapid climber, producing mammoth flowers; great variety of coloring, 5c pkt.

MORNING GLORY,—See Convolvulus.



Mignonette Machet

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

- #NASTURTIUM**,—Tall, finest mixed, beautiful and luxuriant climber, of easiest culture, flowering until frost comes, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.50 lb.
- NASTURTIUM**,—Dwarf, finest mixed, very popular and showy for masses and border, 5c pkt., 15c oz., 60c $\frac{1}{4}$ lb., \$1.75 lb.
- NICOTIANA**,—Affinis,—Very fragrant, 5c pkt.
- PETUNIA**,—Single large flowering, mixed, many beautiful colors and combinations, 10c pkt.
- PETUNIA**,—Double large flowering, mixed, a magnificent strain, very beautiful shades, 25c pkt.

PANSIES

HOWARD'S EXTRA LARGE-FLOWERED CHOICE MIXED PANSIES,—This is a very choice strain of Pansy seed, and under proper cultivation produces mammoth flowers of the most beautiful colors, 25c pkt.



Howard's Extra Large Flowered Choice
Mixed Pansies. Pkt. 25c.

PORTULACA,—Double, these make perfectly gorgeous masses of color, 10c pkt.

RICINUS,—Castor Oil Plant, mixed, rapid growing foliage, annual, palm leaves, 5c pkt., 25c oz.

SALPIGLOSSIS,—Large flowering mixed, a beautiful flowering annual, bearing large flowers of many pretty colors, 10c pkt.

SALVIA SPLENDENS, Bonfire,—Perennial but blooms the first season, bright scarlet, fine for bedding, 10c pkt.

SCABIOSA,—Mourning Bride, Showy border plant. Dwarf, double mixed, 5c pkt.

STOCKS,—Large Flowering Ten Weeks, mixed, highly fragrant, very pretty and a deservedly popular annual, 10c pkt.

SUNFLOWER,—Double Dwarf, 5c pkt.

SUNFLOWER,—Mammoth Russian, 5c pkt.,

ENGLISH FINEST MIXED,—10c pkt.

GOOD MIXED,—5c pkt.

PHLOX—Drummondii-grandiflora mixed, for beds and massing nothing can surpass these beautiful annuals, 10c pkt.

PHLOX,—Dwarf or nana compacta, mixed, these form little round compact bushes about six inches high, thickly studded with flowers, 10c pkt.

PINKS,—See Dianthus and Carnation.

POPPIES,—Single Mixed, great variety of colors, very showy, 5c pkt.

POPPIES,—California—See Eschscholtzia.

POPPIES,—Mixed carnation flowered, 5c pkt.

POPPIES,—Iceland Mixed,—10c pkt.

POPPIES,—Shirley Finest Mixed,—Extra Fine strain, 5c pkt.

PORTULACA,—Single mixed, brilliant dwarf annuals, 6 in. high, for low beds and masses of color they are indispensable, 5c pkt.



Phlox-Drummondii

FLOWER SEEDS— SWEET PEAS



Our list of Sweet Peas has been carefully revised with a view of keeping it strictly up to date. Should you miss some old favorite in the list, it has been discarded in favor of an improved sort. White seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under wet and cold conditions the seed may rot in the ground. With few exceptions Sweet Peas are black seeded and do not appear to be affected like the white seeded sorts.

Pkt. Oz. $\frac{1}{4}$ Lb. $\frac{1}{2}$ Lb. Lb.

APPLE BLOSSOM ,—Rose and Blush White, .05	.15	.40	.70	\$1.25
BLACK KNIGHT ,—Very deep maroon shaded black, .05	.15	.40	.70	1.25
BLANCHE BURPEE ,—Superb, is pure white, .05	.15	.40	.70	1.25
BLANCHE FERRY ,—Pink and white wings, .05	.15	.40	.70	1.25
COUNTESS OF RADNOR ,—Delicate lavender, .05	.15	.40	.70	1.25
DOROTHY ECKFORD ,—Pure, white, beautiful large flowers, .05	.15	.40	.70	1.25
HON. MRS. E. KENYON ,—The finest primrose yellow, .05	.15	.40	.70	1.25
JANET SCOTT ,—A grand deep rich pink, .05	.15	.40	.70	1.25
KING EDWARD VII ,—Bright crimson splendid, .05	.15	.40	.70	1.25
LADY GRISEL HAMILTON ,—A grand pale lavender, .05	.15	.40	.70	1.25
LORD NELSON ,—The richest deep navy blue, .05	.15	.40	.70	1.25
MISS WILMOTT ,—Brilliant orange pink, very large, .05	.15	.40	.70	1.25
MRS. WALTER WRIGHT ,—An exquisite shade of mauve, .05	.15	.40	.70	1.25
PRINCE OF WALES ,—The finest bright rose, .05	.15	.40	.70	1.25
QUEEN ALEXANDRA ,—Bright scarlet, red, almost true scarlet .05	.15	.40	.70	1.25
HOWARD'S SPECIAL MIXTURE , of selected, named Grandiflora varieties, .05	.15	.40	.70	1.25
HOWARD'S SPECIAL SPENCER MIXTURE of Named Spencer Varieties, .10	.30	1.00	1.75	3.00
MIXED COLORS ,—Fine Mixture, .05	.15	.30	.55	1.00

SPENCER VARIETIES—Sweet Peas

These are noted for their unusually large-sized flowers and for the waved or fluted appearance of the petals. They are frequently referred to as "Orchid-flowering" Sweet Peas.

COUNTESS SPENCER ,—A lovely soft rose-pink, shading deeper at the edges, Pkt. Oz.	.10	.50
FLORENCE MORSE SPENCER ,—Delicate blush, with pink margin very large, .10	.50	
FLORENCE NIGHTINGALE ,—Largest and finest pure lavender, .10	.50	
KING EDWARD SPENCER ,—Bright Crimson Scarlet, .10	.50	
PRIMROSE SPENCER ,—The finest primrose-yellow, .10	.50	
WHITE SPENCER ,—A pure wavy white, very large, .10	.50	
SWEET WILLIAM ,—Single mixed, an old favorite, rich variety of color, deliciously sweet scented, 5c pkt.		
VERBENA ,—Finest mixed, for garden beds or massing, the verbena is unrivaled; flowers from spring until late in autumn, 10c pkt.		
WALLFLOWER ,—Double large flowering mixed, exquisitely fragrant, long spikes of double flower, hardy perennial, 10c pkt.		
ZINNIA ,—Double mixed, Dwarf, very showy, free flowering, hardy annual, 10c pkt.		

BIRD SEEDS

CHOICE MIXED, per lb., 20c
 CANARY,—Choice Sicily, " 20c
 HEMP,— 14c, 2 lbs. 25c
 MILLETT,—per lb. 10c, 3 lbs. 25c

RAPE,—per lb. 14c, 2 lbs. 25c
 SUNFLOWER,—Mammoth Russian, 10c per quart

VEGETABLE ROOTS

ARTICHOKE JERUSALEM, 30c qt.
 ASPARAGUS ROOTS,—See page 2.
 CHIVES, 25c per bunch
 HORSE RADISH ROOTS,—Cut in pieces. 30c per doz., \$1.50 per 100
 TARRAGON PLANTS, 35c each

List of GRASSES and CLOVER Adapted to this Climate

PRICES SUBJECT TO MARKET CHANGES

	Weight Per Bushel.
CANADA BLUE GRASS,—Valuable for dairy pastures, 38 lbs. to acre,	14 lbs.
CREeping BENT GRASS,—Excellent for lawns, succeeds well in most situations, 60 lbs. to acre,	20 lbs.
ENGLISH RYE GRASS,—A valuable grass, 60 lbs. to acre,	24 lbs.
HARD FESCUE,—A dwarf growing grass, succeeding well in dry situations, 30 lbs. to acre,	12 lbs.
HUNGARIAN GRASS,—Is a valuable annual forage plant, 1 bushel to the acre,	48 lbs.
ITALIAN RYE GRASS,—Thrives in almost any soil and yields early and practically annual; abundant crops, 50 lbs. to acre,	18 lbs.
KENTUCKY BLUE GRASS,—Fancy, valuable for lawns and pastures, 50 lbs. to acre,	14 lbs.
MEADOW FESCUE,—Of great value in mixtures for permanent pastures, 50 lbs. to acre,	22 lbs.
MEADOW FOXTAIL,—Is the principal grass in all rich, natural pastures, 30 lbs. to acre,	7 lbs.
ORCHARD GRASS,—One of the most valuable grasses either for pasture or hay, 70 lbs. to acre,	14 lbs.
RED TOP GRASS,—In chaff, 4 bushels to acre,	14 lbs.
RED TOP GRASS, FANCY,—Or extra re-cleaned seed, 32 lbs. to acre,	32 lbs.
RHODE ISLAND BENT GRASS,—A very fine variety for lawns, 60 lbs. to acre,	14 lbs.
ROUGH STALKED MEADOW GRASS,—Valuable for pastures and meadows, particularly on damp soil, 30 lbs. to acre,	14 lbs.
SHEEP'S FESCUE,—Short and dense in growth, excellent for sheep pastures, 40 lbs. to acre,	12 lbs.
SWEET VERNAL TRUE PERENNIAL,—Emits an agreeable odor,	

	Weight Per Bushel.
which it imparts to the hay, 3 lbs. to acre with other grasses,	10 lbs.
TALL MEADOW FESCUE,—Very early, nutritive and productive. Good for pastures on wet or clay soils, 40 lbs. to acre,	14 lbs.
TALL MEADOW OAT GRASS,—Recommended for soiling, being rapid and luxuriant in its growth 50 lbs. to acre,	10 lbs.
TIMOTHY OR HERD GRASS,—The most important of hay grasses. The seed we offer is of the very highest quality, 25 lbs. to acre,	45 lbs.
VARIOUS LEAVED FESCUE,—Valuable for permanent pasture, especially on high altitudes, 40 lbs. to acre,	14 lbs.
WOOD MEADOW GRASS,—Of early growth, thriving well under trees,	14 lbs.
ALFALFA OR LUCERNE,—In light soils, particularly in southern altitudes, it is invaluable, 25 lbs. to acre,	60 lbs.
ALSIKE OR HYBRID CLOVER,—Equal in nutritive value to the Red or Pea Vine Clover, excellent for clover-sick land, 15 lbs. to acre,	60 lbs.
MAMMOTH RED OR PEA VINE CLOVER,—15 to 20 lbs. to acre,	60 lbs.
RED CLOVER MEDIUM,—15 to 20 lbs. to acre,	60 lbs.
SCARLET OR CRIMSON CLOVER,—Sow in July or August for mowing the ensuing Spring, 20 lbs. to acre,	60 lbs.
SWEET CLOVER,—Grown for Bee food and as a Fertilizer, 20 lbs. to acre,	60 lbs.
WHITE CLOVER,—Should be used in all mixtures for permanent pasture and for lawns alone, 10 lbs. to acre,	60 lbs.

OUR SPECIAL GRASS MIXTURE FOR PASTURES,—Usual quantity sown to the acre, 3 bushels. Per bushel of 14 lbs., \$4.75.

We recommend sowing separately from this, 10 lbs. mixed clover per acre.

OUR SPECIAL GRASS MIXTURE FOR HAY—On ordinary soils use 3 bushels per acre.

In ordering state whether soil is dry, medium or wet. Per bushel of 14 lbs., \$5.25.

"Our Seeds are Northern Grown, None Better at Any Price."

GRAINS—Price According to Market and Subject to Change

BARLEY,—2 or 4 rowed, Choice Montana, price variable, per bushel 48 lbs; $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels to acre.

BARLEY,—York State,—Fancy, Market price. $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels to acre.

BUCKWHEAT,—Silver Hull—48 lbs. per bushel. Japanese, 48 lbs. per bushel. 1 bushel to acre.

OATS,—Choice White—32 lbs. per bushel. 2 to 3 bushels to acre.

OATS,—White Swedish,—Selected,—Canadian Grown,—These oats give excellent satisfaction, straw is strong, not apt to lodge, yield very heavy, per bushel 32 lbs. 2 to $2\frac{1}{2}$ bushels to acre. \$2.25 per bushel.

RAPE,—Dwarf Essex,—In drills 5 lbs. to acre, broadcast 10 lbs. to acre, per lb. 20c., per 100 lbs., \$15.00. Subject to market changes.

RYE,—Spring.—For sowing in the spring, 56 lbs. per bushel. $1\frac{1}{2}$ bushels to acre.

RYE,—Winter,—For fall sowing, 56 lbs. per bushel. $1\frac{1}{2}$ bushels to acre.

SOY or SOJA BEANS—Good for ensilage or green fodder, not good for hay. $\frac{1}{2}$ to $\frac{3}{4}$ bushels to acre in drills.

VETCHES,—Spring Tares,—60 to 120 lbs. to acre, prices variable.

VETCHES,—Sand Winter, a Hairy Vetch,—30 to 50 lbs. to acre, prices variable.

WHEAT,—Spring,—60 lbs. per bushel. Winter,—60 lbs. to bushel. $1\frac{1}{2}$ bushel to acre.

HUNGARIAN GRASS,—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. 1 to $1\frac{1}{2}$ bushels per acre. Market price.

MILLET,—German or Golden,—Similar to above, flower stem more branching, 50 lbs. per bushel. Market price. 1 to $1\frac{1}{2}$ bushels to acre.

MILLET,—Japan,—Barnyard (Crus-galli). Exceedingly heavy yielder, requires very rich soil. 20 lbs. to 30 lbs. to the acre. Per lb. 20c, per 100 lbs. \$15.00, subject to change.

FLAX,—Extra re-cleaned, per lb. 15c,
Special prices on larger quantities.

LAWN GRASS SEED

OUR LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, entirely free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Quantity required per acre, 4 bushels. Price per quart, 25c., 1-2 peck, 90c., peck, \$1.75, bushel, \$7.00.

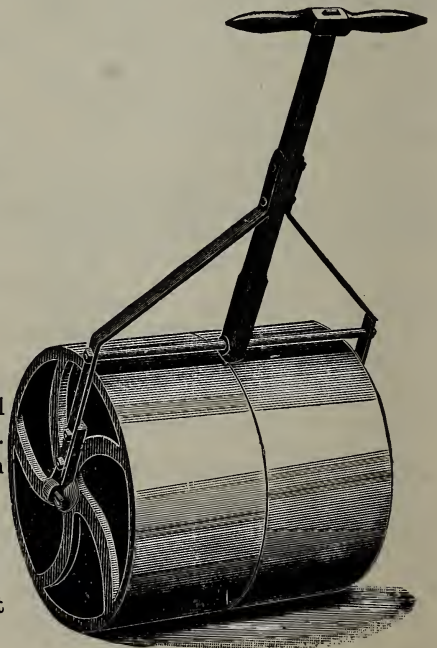
ALL PRICES
IN THIS CATALOG
SUBJECT TO CHANGE
WITHOUT NOTICE

REPAIRING LAWN MOWERS

We repair and sharpen Lawn Mowers of all kinds, putting them in first-class working order. Should any be sent to us that are too nearly worn out to repair, we will so advise.

LAWN AND GARDEN ROLLER

Two Sections, each 12x24 inches, weight about 450 lbs. Price \$30.00.



"Our Seeds are Northern Grown, None Better at Any Price."

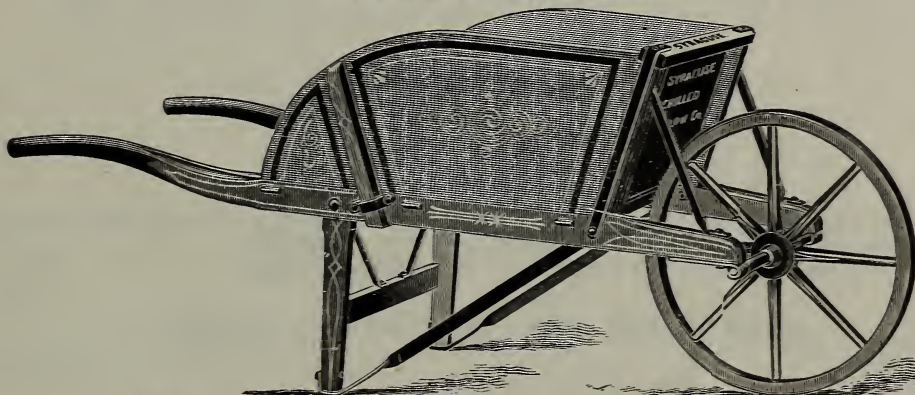
BASKETS



Vegetable handles over, No. 1, 18x11x6	\$1.00
" " " " 2, 20x12x6 ½	1.35
" " " " 3, 22x14x7	1.50
" " " " 4, 24x14x9	2.00
Picking Drop Bail.....	\$1.25, 1.40 and 1.75
Berry—One quart standard—market price.	
Grocers—(cut under handles)	.80
" " " " "	\$1.25

One bushel Metallic, Heavy,	\$2.00 and \$2.50
1 ½ " " "	3.50
Two " " "	4.50
Cheap Diamond Market.....	15c to .25
Covered Cheap Diamond Market.....	25c to .60
One bushel, Common Stave.....	.40 and .85
" " Hand made Oak or Ash.	1.40, 1.85 and 2.50
1 ½ bushel Ash,	2.50
Two " "	2.75

GARDEN BARROW



A strong, well-made Garden Barrow, nicely painted.

Boys'		PRICE
Common Size,		\$5.50
		9.00

OUR CUSTOM GARDEN BARROW

Very strong, heavily ironed—and the best barrow we know of.

No 2, Medium, .		9.00
No. 3, Large, .		10.25
No. 4, Extra Large, .		12.00



BORDER SHEARS—Saynor's 9 inch plain, .	\$6.50
" " " 10 " plain, .	7.50

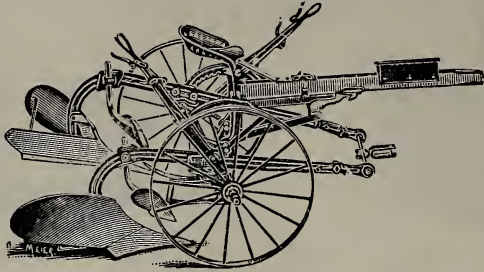
HEDGE SHEARS.

"Saynor's" 9 inch,	\$4.00
"Saynor's" 10 inch,	4.75

BRANCH OR LOPPING.

"Englin," medium,	\$6.50
"Englin," heavy,	7.50
American,	2.25 and 5.50

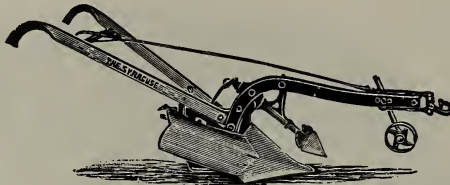
SYRACUSE REVERSIBLE SULKY PLOW



One of the best reversible Sulky Plows made, either for Hillside or Level land. Equipped with Foot Trip which operates power lift, also Foot Regulated Pole Shift, can be used with either two or three horses.
No. 31-39 is the popular size.
Price, Equipped for two or three horses,

\$132.50

SYRACUSE STEEL BEAM SWIVEL PLOW "822"

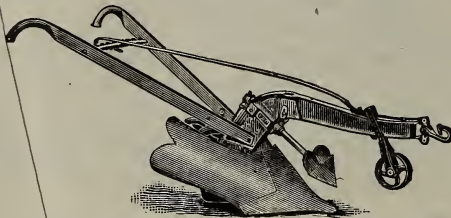


This Plow will certainly please you, it is light yet very strong, has ample throat capacity and close-fitting joints to prevent clogging.

Price complete with Wheel and Jointer, and chilled mouldboard,
" " " " " " " " steel "

\$29.75
32.25

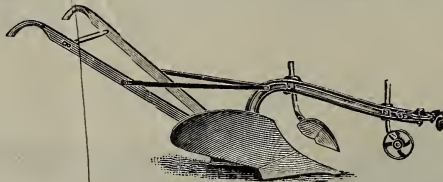
SYRACUSE NO. 60 SWIVEL PLOW



An excellent working Plow, well-made, strong and reliable.
Price complete, with cast mouldboard,
" steel "

\$26.75
28.75

SYRACUSE STEEL BEAM LANDSIDE PLOW "NO. 31"



A splendid Plow. If you have difficult land to turn, this will do it when other Plows fail.

Price complete with Steel mouldboard,

\$30.25

CAMBRIDGE NO. 29 PLOW

Light Two Horse Swivel Plow. Complete with Jointer and Wheel.

\$30.50

HILLSDALE LANDSIDE PLOW

A very good Low-Priced, Two-horse Plow, Cast Beam.

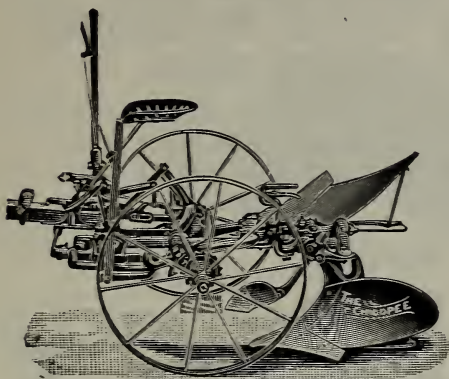
Price Plain,

\$10.80

Price with Wheel,

\$12.00

"Our Seeds are Northern Grown, None Better at Any Price."



The CHICOPEE REVERSIBLE SULKY PLOW

An excellent reversible Sulky Plow, easily handled, strong and does splendid work on either hillside or level land.

Price complete with Jointers, \$100.00

The John Deere Two-Way Sulky Plow

One of the standard reliable sulky plows, } Weight 652. Price \$132.50
No. 1441C No. 1341C }

John Deere Engine Gang Plow



With High and Level Power Lift and quick detachable shares.
No. M. P. 214C—2 Bottom 28 in. cut, weight 790 lbs., Price \$195.00
Third Bottom and Beam Attachment, " 60.75

The Arlington Swivel Plow with Jointer



This is one of the best Swivel Plows ever offered to the farmers of Berkshire County. They are very easy for the team and for the man,—are a strong plow, and do nice work. Made either with wood or steel beam. The No. 29 with Wood Beam is the Favorite.

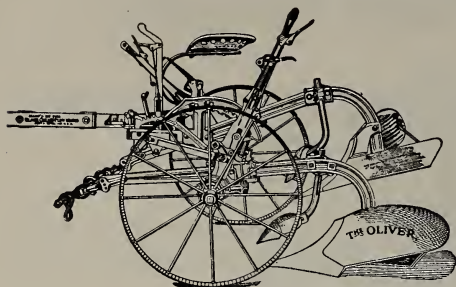
No. 30, Large Two-Horse, complete with Wheel and Joiner, 135 lbs.,	\$28.00
No. 29, Medium Two-Horse, complete with Wheel and Joiner, 125 lbs.,	27.50
No. 27, One-Horse, complete with Wheel and Cutter,	18.75
No. 27, One-Horse, complete with Wheel Only,	16.50

WIARD SWIVEL PLOW



A good Plow, with an excellent reputation and capable of doing first-class work.

No. 120, with Steel Beam and Steel Mouldboard, with Wheel and Joiner,	\$31.50
No. 120, with Steel Beam and Cast Mouldboard, " " " "	29.50
No. 126, with Steel Beam and Steel Mouldboard, " " " "	33.00
No. 126, with Steel Beam and Cast Mouldboard, " " " "	30.50



THE OLIVER REVERSIBLE SULKY PLOW

A very reliable "two-way" sulky plow, strong, easily operated, does excellent work.

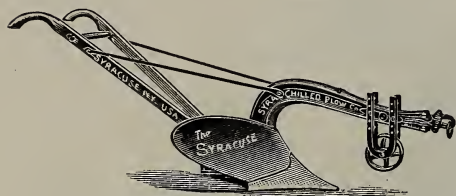
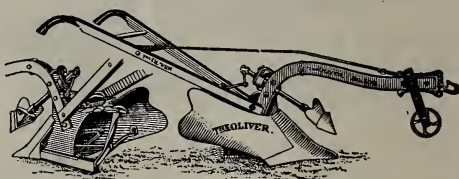
No. 23A—83D is the popular size.

Price \$120.00

OLIVER SWIVEL PLOW

A Practical Plow

No. 512, complete,	\$29.75
No. 513, "	31.25



CONTRACTOR'S PLOW, NO. 1

Heavy beam, point and strip. Made especially for grading purposes. Weight 205 lbs. Two or four horses. Price, with wheel, \$30.00

PAVEMENT PLOW, NO. 98

A favorite with contractors. Has reversible crucible steel point. loop handle wear irons built for hard work, such as tearing up cobblestones and macadam. Four or six horses. Weight 280 lbs., \$45.00



TRUSS BEAM GRADING PLOW, No. 99



For severe grading purposes in shale or hard pan. Four or eight horses. Weight 310 lbs. \$60.00.

THE ARMSBY LANDSIDE PLOW

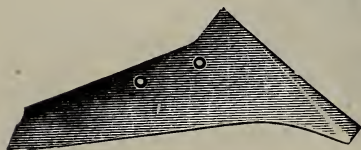
Wood Beam and Cast Mouldboards. For light work we recommend this plow.

No. 1, Small One-Horse, \$7.50. No. 2, Medium One-Horse, \$9.00. No. 3, Large \$10.75.

SUBSOIL PLOW

The Subsoil Plow follows in the furrow of the plow, turning the subsoil.

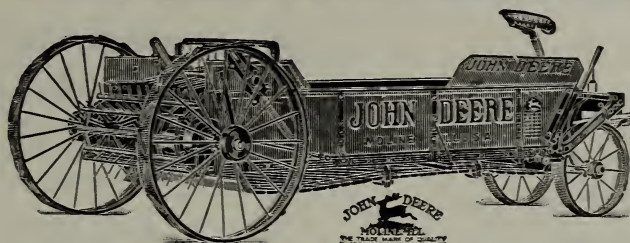
No. 1, Two-Horse, with draft rod, \$18.00; with draft rod and wheel, \$19.50.



PLOW REPAIRS

WE CARRY A LARGE STOCK OF PLOW REPAIRS AND CAN FURNISH PARTS FOR ALMOST ANY PLOW EVER MADE.

THE JOHN DEERE LOW DOWN MANURE SPREADER

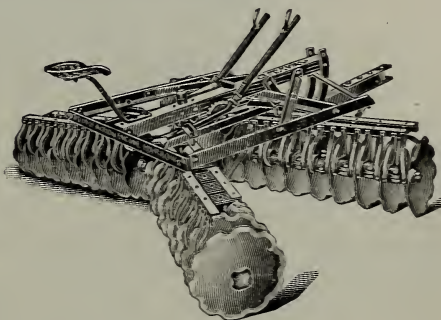


The value of having a spreader Low Down for loading is readily understood. The John Deere is not complicated, is giving splendid satisfaction. Weight of size B—2 Horse, 1813 lbs. Price \$245.00.

THE CUTAWAY LIGHT TRACTOR HARROW

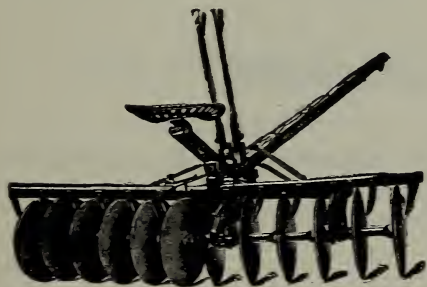
The Cutaway Light Tractor Harrow has 29 18 inch discs, cuts $7\frac{1}{2}$ ft. wide, has center disc, weight 965 lbs.

Has very rigid main frame of heavy angle iron stoutly braced. This harrow thoroughly pulverizes the soil leaving it in good level condition. Price \$160.00.



THE CHICOPEE DISC HARROW

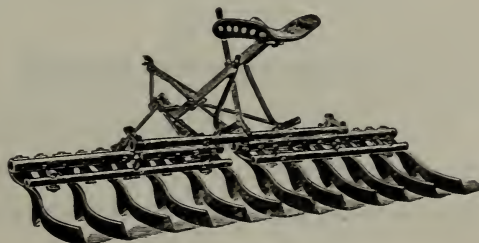
An excellent harrow, made to supply the demand for a little lighter harrow, yet capable of doing a vast amount of good work.



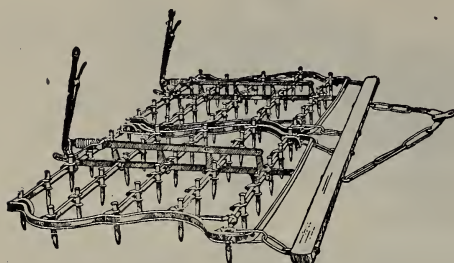
Price complete with Scraper Attachment, Whiffletrees and Evener with 12-16 in. Discs, \$55.00
 " " " " " " " " " " 12-18 in. Discs, \$62.00

ACME PULVERIZING HARROW

The "Acme" cuts, crushes, levels, turns and smooths at one operation, making a perfect seed bed. The No. 23 is the standard two-horse size, cuts 6 feet, 6 inches wide, weighs 130 lbs. Price \$31.00
 1-Horse, (4 ft. 4 in.) \$22.00



STEEL FRAME SMOOTHING HARROW



CAN BE INSTANTLY CHANGED
FROM A SMOOTHING TO A
REGULAR SPIKE TOOTH
HARROW. TEETH ARE ADJUST-
ABLE TO ANY ANGLE BY THE
LEVERS

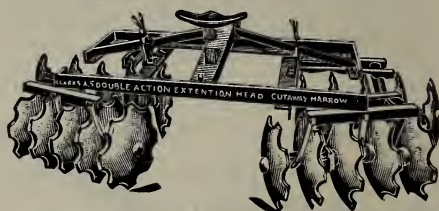
These are the VERY BEST STEEL SMOOTHING HARROWS manufactured, strong and well made.

Price—1 Sections, 25 teeth, \$14.00
“ —2 “ 50 “ 28.00
“ 2 “ 60 “ 30.00

Price—3 Sections, 75 teeth, \$43.50

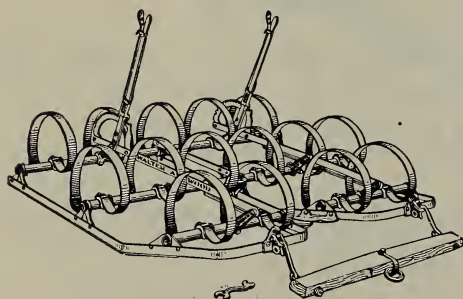
CLARK'S CUTAWAY HARROW

Clark's Cutaway Harrows are well known and hardly need description here, they are made in Double Action, that is double sets of gangs, (see cut). Regular Double Lever Cutaway, and Double Lever Solid Disc, and in many sizes, the sizes most suitable for this section are:—



Double Action, 20-16 in. Discs, . . . \$92.80 With extension head, \$99.40.
Double Lever Cutaway, 10-16 in. Discs, 52.00
“ “ “ 12-16 “ “ 56.70

SPRING TOOTH HARROWS

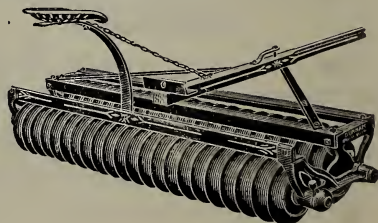


Either McCormick, Wood, or Syracuse, very strong, well made, serviceable harrows and very satisfactory, do excellent work.

Price, 10 Tooth	One Horse	19.00
“ 15 “	Two “	30.50
“ 17 “	“ “	33.75

THE CULTIPACKER

Acts as a roller and pulverizer, Double Gang, front gang 15 in. diameter, rear gang 12 in., is 8 ft. wide, Roller Bearings, and has 43 Sections. Price \$90.00.



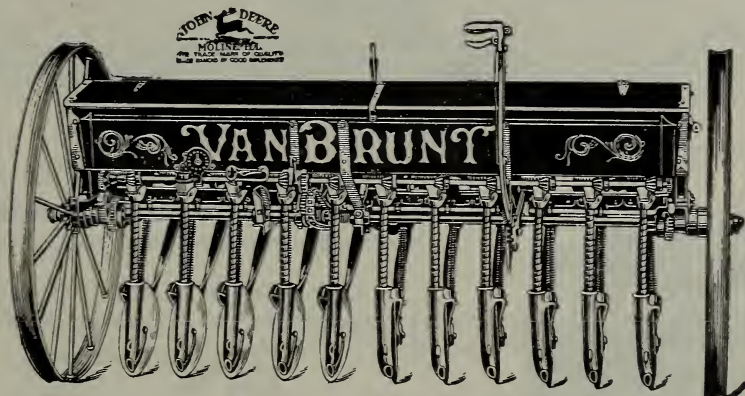


STEEL FIELD ROLLER

The drum of this roller is steel; it is 24 inches in diameter, has removable dust-proof boxes, closed ends and is an excellent one.

PRICE—3 SECTION—8 FT. 24 IN. DIAM.—
\$55.00

VAN BRUNT GRAIN AND FERTILIZER DRILL

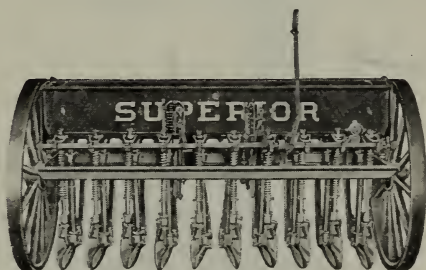


This Drill sows Grain, Grass Seed and Fertilizer perfectly. It has a positive force feed, will not break the grain, is light draft, is not complicated, evenly balanced, rests lightly on the horses' necks and is fully warranted. The Disc model is now the favorite, having almost entirely displaced the hoe type. Price 10 tube Disc Drill, Complete \$205.00.

THE SUPERIOR DRILL

A most excellent Drill, sows Grain, Grass Seed and Fertilizer perfectly. Positive accurate feed.

Price with steel tube 10x7 size, \$205.00



Eureka Mulcher and Seeder

Three Sizes, 8, 10 and 12 feet wide.



Weeds and cultivates. Sows and covers (grass-seed, alfalfa, oats, etc. Renews old meadows.

Forms
dust mulch
and
conserves
moisture.

EUREKA RIDING MULCHER AND SURFACE CULTIVA- TOR AND GRASS SEEDER.

This is an excellent Weeder as well as a surface Mulcher and Cultivator. The Grass Seeder may be attached or detached quickly and is accurate.

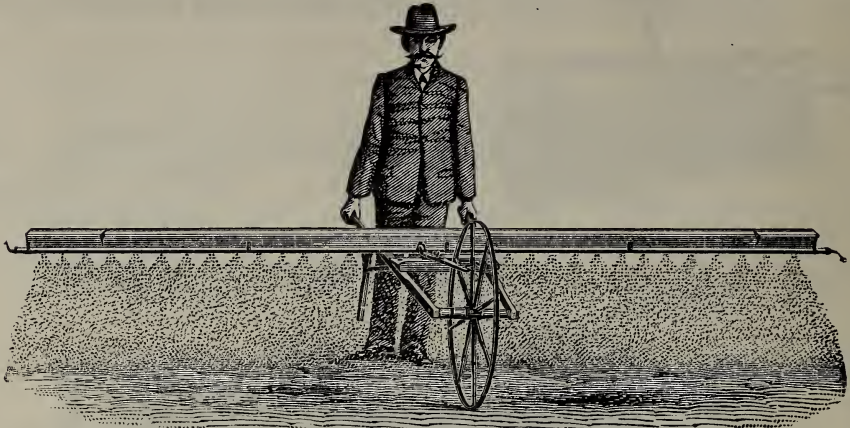
Price of 8 foot Mulcher and Grass Seeder.

\$48.00

Price of 8 foot Grain Seeding Box, extra,

\$9.00

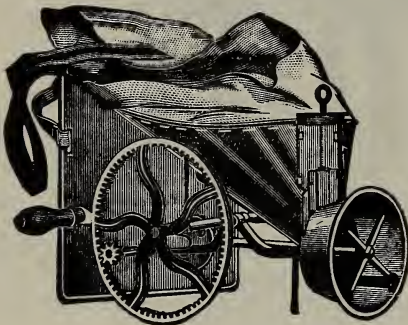
THOMPSON'S ROYAL GRASS SEEDER



Sows any kind of Grass Seed perfectly and rapidly; width of Seeder Box 14 ft. Price \$15.00.
Grain Box extra, \$7.00

Cahoon Broadcast Seed Sower

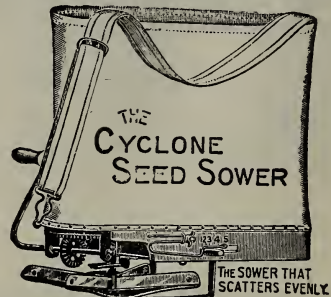
Sows both Grass Seed and Grain. Price \$5.50



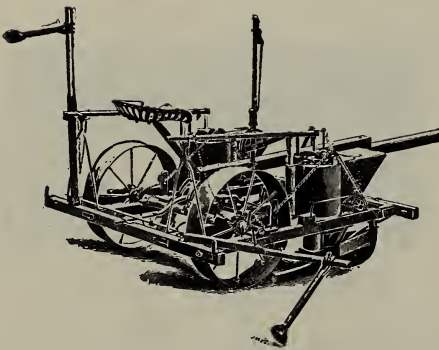
Cahoon Seeder

Cyclone Broadcast Seeder

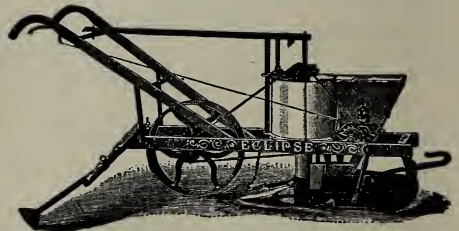
A very rapid and easily operated seed sower. Price \$3.00



Eclipse Corn Planter and Fertilizer Distributer

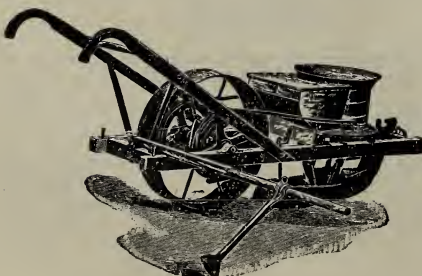


Eclipse Double Row Planter



Plants Corn, Beans, Peas, etc., perfectly, and at the same time distributes evenly the fertilizer in such a manner that it does not come in direct contact with the seed.

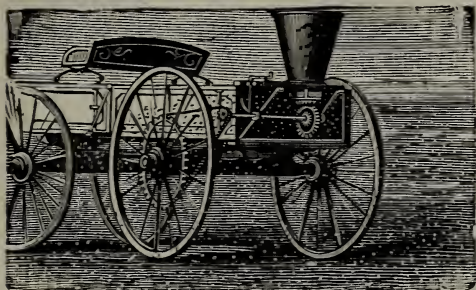
Price, Single Row Planter, \$38.00
" Double Row Planter, 90.00



King of Cornfield Corn Planter and Fertilizer Sower, \$38.00

AN EXCELLENT PLANTER—VERY SIMPLE IN CONSTRUCTION

Corn Huskers, 20c and 35c
Corn Ties—With four feet of rope, per 100, \$2.25

**STROWBRIDGE IMPROVED****Broadcast Seed and Plaster Sower**

From 50 to 75 acres can be sown with one team in a day.

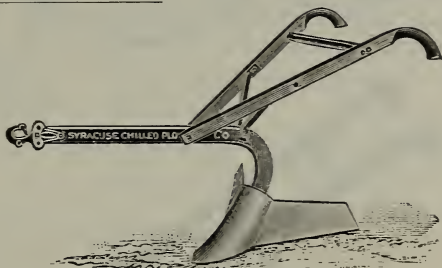
Oats, Rye, Barley, Buckwheat, Hungarian, Grass, Clover, Timothy, and every variety of Seed and Grain requiring broadcasting can be sown with this machine; also with care, Plaster, Lime, Salt and Fertilizers. It can be attached to any farm wagon.

Price with Agitator, \$20.00

" " force feed and grass seed attachment, \$28.00

**STEEL BEAM SHOVEL
PLOW**Steel Point and Adjustable Steel Wings,
and the price is only, \$9.00

With Wood Beam, \$7.00

**IMPROVED FURROWER AND MARKER**

Marks and Furrows at the same time, adjustable to mark any width or depth. The wearing part of the runners is chilled iron, the wings are steel and the frame is oak, it is a labor-saver.

Price No. 1 makes 3 furrows at once, \$26.25.

Price No. 2, makes 2 furrows at once, \$19.40.

**HAND CORN PLANTER**

Rapid and reliable. Price \$2.75

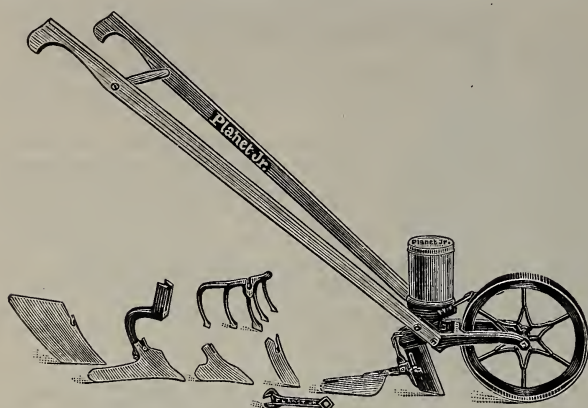
Our New Potato Ridger, Coverer and Hoe

Next to the complete potato planter this is the best tool for ridging and covering potatoes. It is adjustable in many ways, stands high and is especially valuable for hoeing potatoes.

PRICE WITH POLE and wings as shown, \$15.50

PRICE WITH POLE and 20 inch discs in place of wings, 19.00

USE THE QUINNIPIAC AND MAPES FERTILIZERS TO RAISE NICE POTATOES.



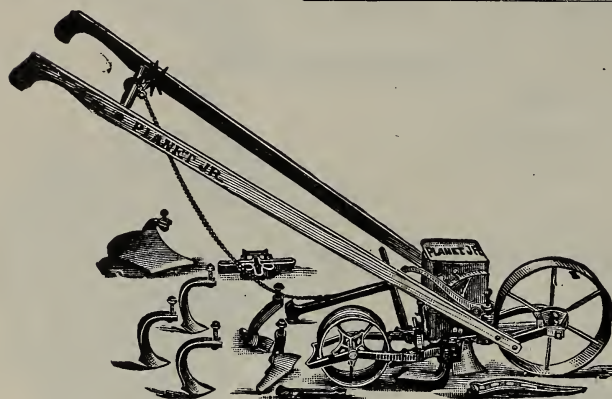
"Planet Jr." Combined Drill Seeder and Wheel Hoe, No. 31

This is a combined tool of great value to the gardener who does not feel warranted in purchasing the more expensive market garden machine. It sows from 1-4 in. to 2 inches deep, all kinds of garden seeds, very accurately.

Complete it is called No. 31, price \$13.95.

As a **DRILL SEEDER ONLY**, it is known as No. 31D, price \$11.25.

As a **WHEEL HOE ONLY**, it is No. 33, price \$7.20.

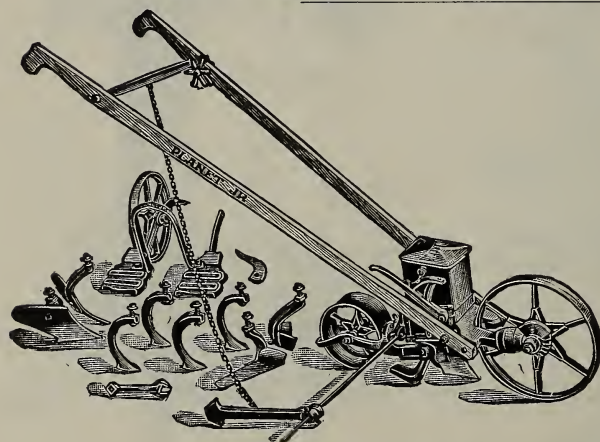


"PLANET JR." NO. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Hopper holds two and one-half quarts seed.

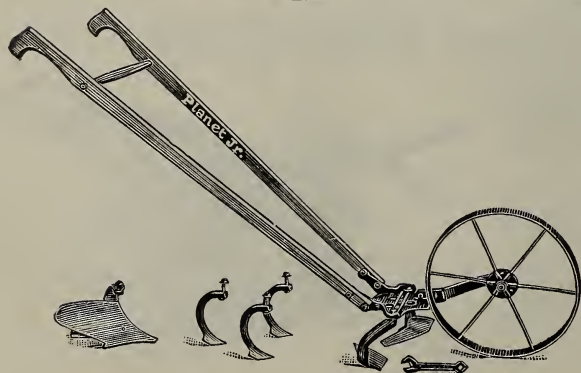
Price complete, - - - \$21.15

As a seeder only, - - - \$16.85



"PLANET JR." NO. 25

Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Hopper holds two and one-half quarts. Substantial and accurate, two good machines in one. As a drill it is almost identical with the No. 4 Drill. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe. Price \$23.85.



"PLANET JR." NO. 17

Single Wheel Hoe

Consists of one pair 6 in. hoes, three cultivator teeth, one garden plow. Price \$9.70.

No. 16 same as No. 17, but has 2 Rakes and Leaf Guard. Price \$11.50.

No. 11 "Planet Jr." Double and Single Wheel [Hoe Combined

as shown. The best combined double and single wheel hoe made.



With this machine one man can do more and better work than six with ordinary hoes, Capable of almost an endless variety of changes.

Price complete, \$17.10

PLANET Jr. NO. 12, DOUBLE WHEEL HOE, CULTIVATOR AND PLOW, is identical with the No. 11 except the $4\frac{1}{2}$ in Hoes and the rakes are omitted. PRICE \$13.95

We also sell this with only the long hoes (which are shown attached in cut) and without

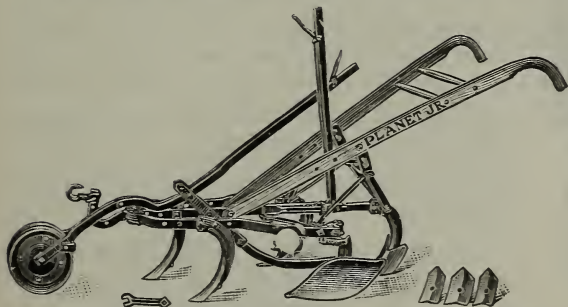
leaf guards; this we call the Plain Double Wheel Hoe No. 13. Price \$9.90.

No. 119 GARDEN PLOW and CULTIVATOR

Price \$5.85

PLANET JR. No. 66 SLIDE HOE,—Equipped with one pair 4 in. hoes and one pair 6 in. hoes. Works between or straddle the rows. Price \$5.50

No. 8 "Planet Jr." All Steel Horse Hoe and Cultivator

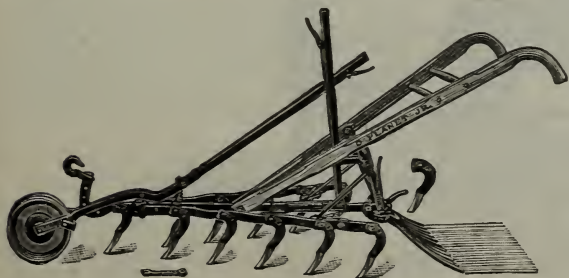


Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, it is built extra long, high and strong, has lever for adjusting width, lever for adjusting wheel, which at the same time adjusts the New Depth Regulator. This prevents cultivator settling at the back end.

Price complete as shown with new steel wheel, \$21.25.

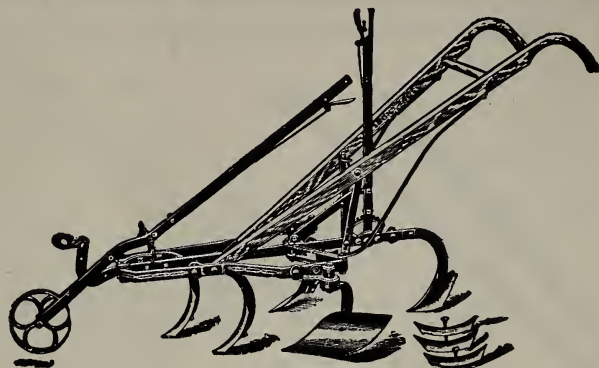
"Planet Jr." Harrow and Cultivator


Price complete, No. 90, \$21.25. Price less pulverizer, No. 90B, \$18.00. Price plain with No. 9 wheel and expanding lever, No. 91, \$15.95.

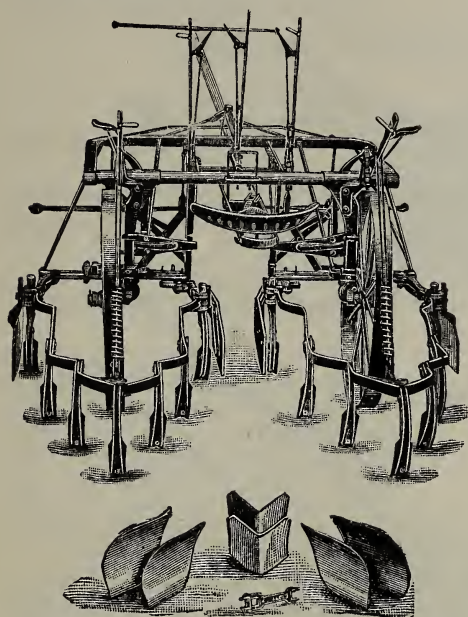


A glance at this cut will convince you that this is a thoroughly practical tool; it is what is called a Harrow, Cultivator and Pulverizer. The handles are adjustable sideways so that you need not walk on the finished work. It is adjustable from 12 to 32 inches in width, and is a special favorite with market gardeners.

ALL STEEL HORSE HOE AND CULTIVATOR



 This is a good implement, not our best but a very good one for little money.
 (All steel but the handles.)
 Price complete with hilling wings, but without wheel lever \$10.50
 Norcross Hand Garden Cultivator \$1.25



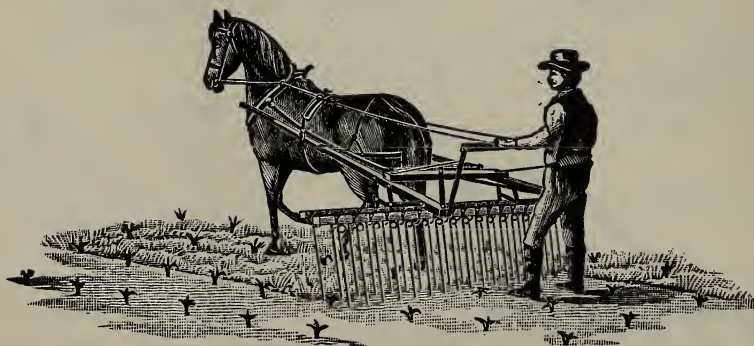
"Planet Jr." No. 72, F. Two Row
 Pivot Wheel Cultivator, Plow,
 Furrower and Ridger, with
 Spring Trip Standards

This tool is so designed that the operator
 can make changes in width of gauge instantly
 while machine is in motion, thereby adjusting
 it perfectly to rows varying greatly in width.
 Think of the saving in cultivating perfectly
 two rows of potatoes, beans, corn, or any
 crop planted in rows (any widths from 28
 inches to 44 inches apart) at a single passage.
 It is a remarkably good tool.

Price Complete with (14) Spring Trip
 Standards, \$145.00

Price without Spring Trip Standards, \$125.00

WIARD ADJUSTABLE WEEDER

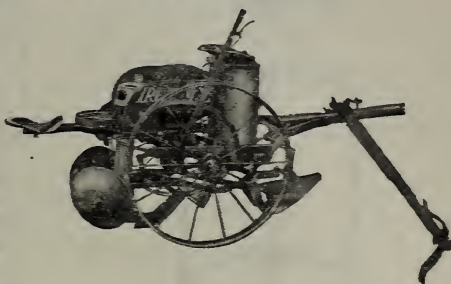


Probably as good weeder as there is made, strong, capable of many adjustments,
 universally liked if used as intended. PRICE, \$15.00.

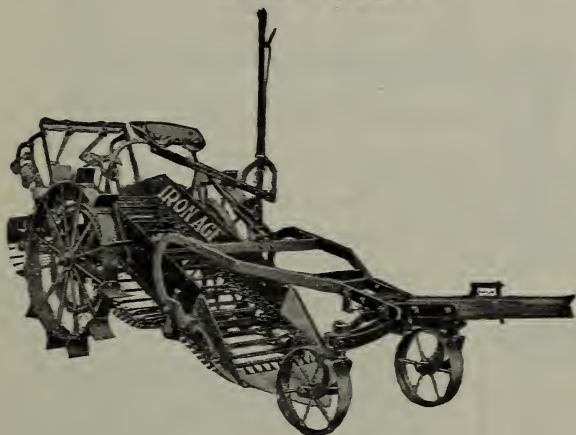
THE **IRON AGE** POTATO PLANTER

With the IRON AGE, the farmer has the comfortable assurance that his potatoes are being well planted, and the work is being done at the lowest possible cost, easily planting from four to seven acres per day.

PRICE—With Fertilizer distributer and shield plow, \$160.00
 Corn, Bean and Pea attachment, extra, 12.00
 Leveller attachment, extra, 3.00



IRON AGE POTATO DIGGER

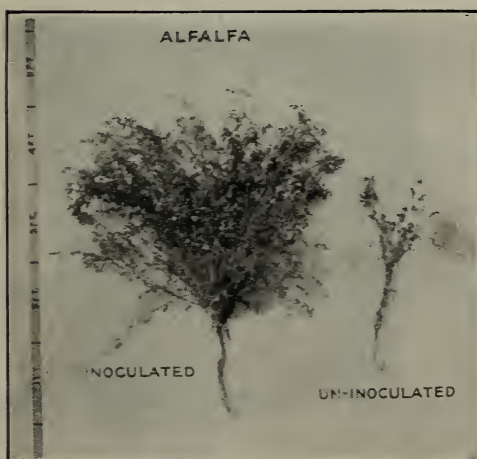


A practical digger, working well in almost all kinds of soil where it is reasonably free from weeds and grass, in fact working well under many unfavorable conditions where other diggers fail.

No. 155 Elevator Potato Digger with 4-horse equipment, \$165.00
 Extra for 3-horse Equalizer (less doubletrees), 6.00
 Extra for 3-horse Equipment Complete, with Double-trees, 8.00

EUREKA POTATO DIGGER

Price \$175.00



THE STANDARD INOCULATION
FARMOGERM
 HIGH BREED NITROGEN GATHERING BACTERIA

Farmogerm is nitrogen-fixing bacteria bred up to transform large amounts of nitrogen from the air into soluble nitrates.

Price Garden size, 1-4 acre, \$0.50
 " One Acre size, 2.00
 " Five acre size, 8.00

For growing plants in house or garden.

Package of	30	25c
" "	100	75c
" "	1000	\$3.50

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

The MODEL Extension Carnation Support.

Patented



BAMBOO CANES,—6 ft. long, \$2.00 per 100; 8 ft. long, \$3.50 per 100.

STAKES, SQUARE, GREEN, TAPERING.—

	Each.	Doz.	Hundred
1 ½ feet	3c	25c	\$1.85
2 "	4c	40c	2.85
3 "	9c	95c	6.50
4 "	12c	\$1.35	10.00
5 "	16c	1.86	14.00
6 "	18c	2.00	16.00

STAKES, ROUND, GREEN, TAPERING.—

	Each.	Doz.	Hundred
2 feet	6c	60c	\$4.50
3 "	10c	\$1.10	8.00
4 "	14c	1.50	12.00

STAKES OR DAHLIA POLES, HEAVY ROUND.—

	Each.	Doz.	Hundred
5 feet	25c	\$2.50	\$18.50
6 "	28c	3.00	22.00

GALVANIZED WIRE STAKES.—

	Doz.	Hundred
2 feet	30c	\$2.00
3 "	40c	2.25
3 ½ "	45c	2.35
4 "	50c	2.50
5 "	60c	2.75
6 "	75c	3.75

WOOD GARDEN LABELS.—(100 in pkg.)—

8 inch per hundred,	Painted,	90c
12 "	"	\$1.40

WOOD POT LABELS.—(1000 in pkg.)—

4 inch	Painted,	\$1.60
6 "	"	\$2.50

WOOD TREE LABELS.—3 ½ in. copper wired, 40c per 100; \$3.00 per 1000.

FLOWER STEMS.—(Wired Tooth Picks), per box of 10,000, \$2.50.

CARNATION SUPPORT.—"Model Extension." 2 ring, per doz., \$1.00; per 100, \$7.00, 3 ring, per doz., \$1.25; per 100, \$8.00

TOMATO SUPPORT, Price 30c each, per doz., \$3.00

GLASS CUTTER	25c and 40c
GLAZING POINTS, (Brads)	Pkg. 25c
" " (Zinc)	" 10c
" " (Peerless)	" \$1.25

GLAZING NAILS, Box.....35c

GARDEN REELS, large \$1.25, extra large...\$1.75

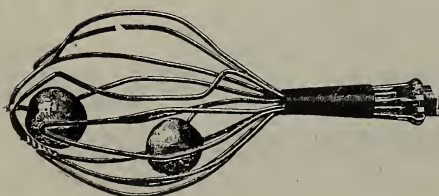
GARDEN LINES, (100 ft.)1.50



GARDEN TROWEL, (common)	20c
" " solid steel	50c
" " forged steel	90c
" " transplanting	35c

WEEDING FORKS..	15c, 35c and 50c
FLORAL SETS	
3 in set (small).....	50c, 75c, \$1.00
3 in set, strong (large)	1.75
4 in set.....	2.50

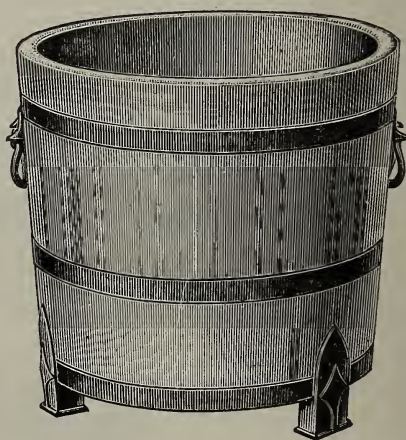
ENGLISH SCUFFLE HOES	
5 inch .. \$1.00	8 inch .....1.65
6 " .. \$1.25	9 "1.75
7 " .. 1.50	10 "1.90
Handles extra	40c
COMMON SCUFFLE	1.25
ASPARAGUS KNIVES	50c



FRUIT PICKERS (wire) 65c and 75c

THERMOMETERS

Tested, 12 inch, metal case \$1.50, \$2.00 and \$2.25
 10 inch tested90, \$1.25 and \$2.00
 8 " "90, \$1.00, \$1.25 and \$1.75
 Hot Bed, guaranteed.....\$2.50
 Maple Syrup.....\$1.50 and \$2.50
 Self Registering.....\$6.50



TREE TUBS

Made of Virginia White Cedar, painted green.

No.	Diam.	Height	Each
No. 1.....	12 inches	10 ¾	\$3.00
" 2.....	13 "	12 ¾	3.75
" 3.....	14 ½ "	14 ¾	5.00
" 3 ½.....	16 ½ "	15 ¾	6.75
" 4.....	19 ½ "	16 ¾	7.25
" 5.....	22 ½ "	18 ½	8.50

HAND WEEDERS—15c to 50c.



HAND CARTS

Light and Strong

Size inside of body 39 in. x 20½ in.

Depth 8 in.

Side Wheels 26 in.

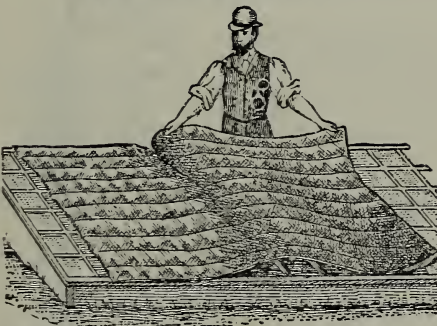
Capacity 250 lbs.

Price.....\$16.50

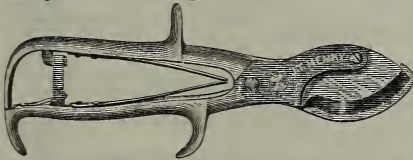
CUT FLOWER VASES FOR CEMETERY

Tin.....15, 20c and 25c

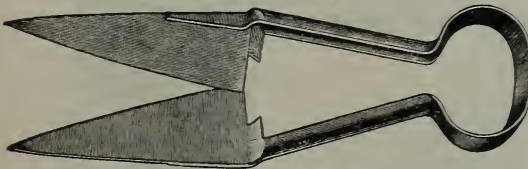
HOT BED MATS



Made of Jute, thickly padded. 76x76in. Price ea. \$4.00
Improved Mole Trap.....\$2.00
Pruning Shears, 7 in. light Steel.....1.00



Pruning Shears, 8 in. steel.....\$1.00
" " 8½ in. steel.....1.25
" " 8 in. Malleable, steel blades, 1.50
" " French..\$1.25, \$1.50, \$2.25, \$3.00
Flower Picking Shears (nickled), \$1.25 and \$1.50
Grape Thinning Shears.....\$1.75 and 2.00
Grass or Sheep Shears \$1.00, \$1.25, \$1.50

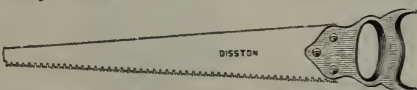


True Vermonter Shears...\$1.25, \$1.50 and \$2.25
PRUNING KNIVES.

English Stag Horn.....\$2.25, \$2.50
Cocobolo.....\$2.00

BUDDING KNIVES

Ivory Handle.....\$2.50, \$2.75, \$3.00



PRUNING SAW, (double edge) ..\$1.00, \$1.25, \$1.50



WATER'S TREE PRUNER

4 feet.....\$1.25
6 ".....1.50
8 ".....1.75
10 ".....2.00
12 ".....2.25
Extra Knives......35
Orchard Pruner—plain
\$2.50 and \$3.00
TREE SCRAPERS.....\$1.00
" " Blades 50c

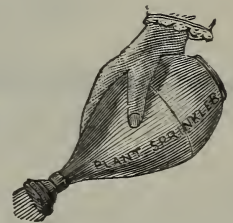


Sand Riddles for Sifting Soil

18 in. Galvanized either ¼ inch, ½ inch, ¾ inch
or 1 inch, each \$1.00. \$1.25 and \$1.50.

RUBBER PLANT SPRINKLER

Medium size....\$1.50
Large size.....1.75



MASTICA,—Used in place of Putty.

½ gallon can, \$1.50; 1 gallon can.....\$2.75

MASTICA MACHINE.....3.00

PUTTY BULB—for glazing.....1.75

TARRED MARLINE—for making straw

mats, per lb......30

RAPHIA—for tying, per lb. Price on application

WOOL TWINE—soft, for tying, per lb......30

SILKALINE—green, per spool......40

GREEN FLORIST'S TWINE—per ball......20

COARSE TWINE—Hemp, very strong, per

ball......25 and .35

FINE TWINE—hemp, per ball.....20, 25 and .45

COTTON TWINE—per ball......20

GALVANIZED ANNEALED GREENHOUSE

WIRE—per lb......18

MOSS (Sphagnum)—either dry or fresh—

green, per bbl. Prices on application.

CORN KNIVES.....30c, 50c and 75c

GRASS HOOKS—Common.....45c to 60c

" " English and Concave.....75c, 85c

TIN FOIL—Plain.....35c

" " Violet and Green.....75c



HAY FORKS

"BATCHELLER'S"

No. 0, 3 Tine (boys') straight handle 90c
No. 3, 3 Tine bent handle..... \$1.30

The above prices are for forks with
3 1/4 ft., 4 ft., and 4 1/2 ft. handle.
Extra long handles, 15c extra.

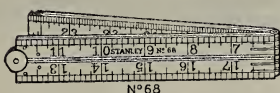
HOES

Socket Field, 8 in. blade..... \$1.10
Shank Field, 7 1/2 and 8 inch blade 95c
Socket, Meadow, 9 and 10 inch.. 1.20
Ladies' Hoe, 5 1/4 inch blade.... 80c
Humphrey (tooth hoe)..... 1.25
Warren Hoe..... 1.20
Mortar Hoe (shank)..... 1.35
" " (socket)..... 1.50
" " (Mixer)..... 1.50

RAKES

Steel Garden 10 tooth 95c
" " 12 "55c and 1.00
" " 14 "60c " 1.05
" " 16 " 1.10
Steel Short Teeth 16 " 1.30
Steel Heavy Road 14 " 1.70
TURF EDGER—or Edging Knife..... 1.10

RULES



1 foot Caliper..... 75c
2 " Plain..... 30c
2 " (heavy joint)..... 45c
2 " Half Brass Bound..... 75c
2 " Full..... 90c

3 foot Zig Zag..... 45c
4 " " "..... 50c and 65c
5 " " "..... 60c and 75c
6 " " "..... 75c and 90c

FILES



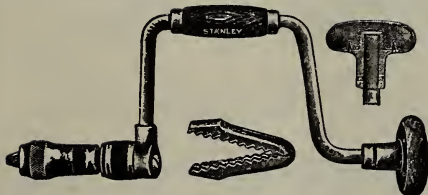
ALL SIZES—Taper, Slim Taper and Flat Files.

LEVELS

12 inch \$1.00
16 " \$1.00 and 1.25
28 " \$2.50 and 3.00
30 " 3.50
42 " 4.25



BIT BRACES



Plain..... \$1.50
Ratchet..... 1.75, 2.50 and 4.50
Putty Knives..... 35c and 60c
Key Rings..... 5c, 10c and 15c
Key Chains..... 10c, 35c
Carpenters' Pencils..... 10c

SPADING FORKS—"Batcheller's"

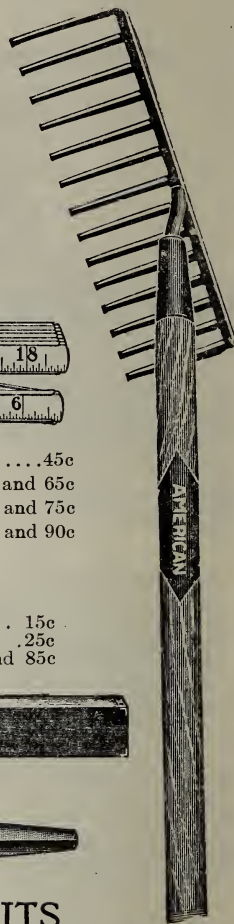
4 Tine Long Handle, Flat or Diamond
Tine..... \$1.60
4 Tine D Handle, Flat or Diamond
Tine..... 1.60

Manure Forks, Batcheller's.

4 Tine Long or D Handle,..... 1.55
5 " " " "..... 1.80
6 " " " "..... 2.10
Potato Digging Fork..... 2.25

Potato Hooks, Batcheller's.

5 Tine "Standard,"..... 1.35
6 " " " "..... 1.45
Barley Forks (with bail)..... 2.50
Ensilage Fork, 8 tines..... 2.50
Coke Fork, 12 tines..... 3.20



GLUE

LePAGE'S

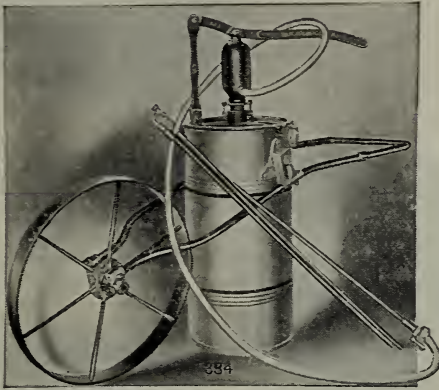
Small Bottle..... 15c
Large Bottle..... 25c
Can..... 40c, 65c and 85c

BITS

4-16 50c
5-16 50c
6-16 50c
7-16 50c
8-16 50c
9-16 60c
10-16 60c
11-16 60c
12-16 65c
13-16 65c
14-16 65c
15-16 65c
16-16 65c
Ford's Sets..... 8.50
W. Jennings' Sets..... 8.50
Jennings' Patent Sets..... 8.50
Gimlet Bits..... 20c
Tapping Bits..... 60c and 65c
Gimlets..... 20c and 25c

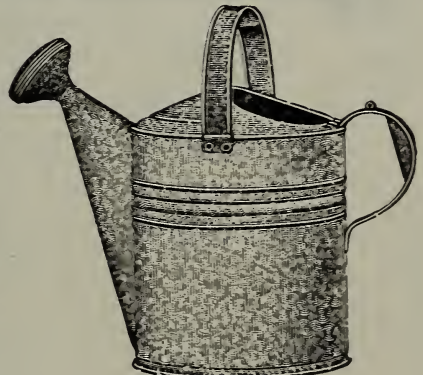
HATCHETS

Shingling	\$2.25
Broad	\$2.00, \$2.50 and \$3.00
Hunter's	\$1.65 and \$2.50
House Axe	\$1.75 and \$2.00
Lathing	\$2.25

**REGULAR STYLE WATERING POTS**

Galvanized.

4 Quart	\$.80
6 "	1.00
8 "	1.65
10 "	2.00
12 "	2.25
16 "	3.00



Regular Style

AUTO SPRAY NO. 40 D

With 12 gal. galv. steel tank with truck 20 in. wheel.
For applying whitewash, cold water paint spraying
material, etc. Price \$30.00.

KNAPSACK SPRAYER NO. 5

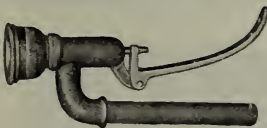
With double acting pump complete, Price \$9.50
Pump alone..... \$5.50.

PHILADELPHIA WATERING POTS

Made of very heavy galvanized iron, with brass
joints, with two copper roses and extra long spout.
6 Quart, \$4.00. 8 Quart, \$4.25 10 Quart, \$4.50.

FRENCH PATTERN WATERING POT

6 Quart, Galvanized, - - - \$4.25
8 Quart, Galvanized, - - - 4.50

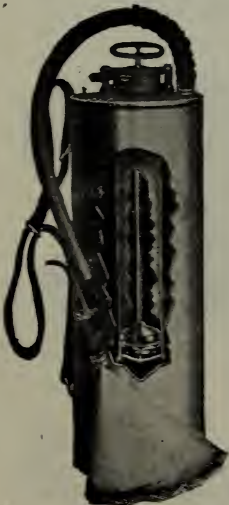


Auto Pop Nozzle

AUTO POP NOZZLE, \$2.00
" " " with hose complete \$2.50
Brass extension pipe 2 foot length, 75c

AUTO SPRAY PUMP

Self-operating Sprayer, simple, durable, easy to carry and
operate. Price with Brass Tank and Auto Pop Nozzle, \$11.00;
with Galvanized Tank and Auto Pop Nozzle, \$8.00.

FLOWER BED GUARD

Auto Spray Pump



Made of heavy galvanized wires, 16 in. high, 12 when set, Per lineal ft. 11c
" " " 22 " " 16 " " 13c
Wire Trellis " " 18 " wide " " " 10c

ROUND OR HEXAGON LAND
TILE—(13 Inches long)



The sizes named are inside measurements.

2	inch	-	-	-	-	per 1000 pieces,	-	-	-	Weights	3,000 Lbs.	} Prices on Application
3	"	-	-	-	-	"	"	"	-	"	5,000 Lbs.	
4	"	-	-	-	-	"	"	"	-	"	7,000 Lbs.	
5	"	-	-	-	-	"	"	"	-	"	9,500 Lbs.	
6	"	-	-	-	-	"	"	"	-	"	11,000 Lbs.	
8	"	-	-	-	-	"	"	"	-	"	17,000 Lbs.	



LIST PRICES on STANDARD
AKRON SEWER PIPE

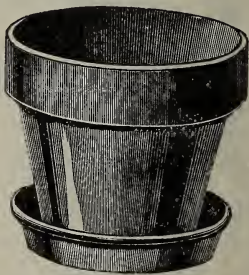
We carry a heavy stock of this on hand.

Inside Diameter	Weight per Foot	List Price per Foot	Elbows and Curves Each	Branches Single 2 Feet Long with Inlets up to and including 12 Inches Each	Branches Double 2 Feet Long with Inlets up to and including 12 Inches Each
3 ins.	7 lbs.,	\$0.30	\$1.20	\$1.20	\$1.50
4	9	.30	1.20	1.20	1.50
5	12	.45	1.80	1.80	2.25
6	15	.45	1.80	1.80	2.25
8	23	.70	2.80	2.80	3.50
10	35	1.05	4.20	4.20	5.25
12	45	1.35	5.40	5.40	6.75
15	60	1.80	7.20	14.40	9.00
18	85	2.50	10.00	20.00	12.50
20	100	3.00	12.00	24.00	15.00
24	140	4.50	18.00	36.00	22.50

Discount on Application.

STANDARD FLOWER POTS AND SAUCERS

Size	Wt. per M Pots	Pots Per 100	Pots Each	Saucers Per 100
1¾ inch,	100 lb.	\$ 1.15	.....	.....
2 "	150 "	1.25	.....	.....
2½ "	300 "	1.50	\$.02	.....
3 "	400 "	2.00	.03	.....
3½ "	600 "	2.40	.....	.....
4 "	750 "	3.00	.04	\$ 2.50
4½ "	1000 "	4.10	.05	.....
5 "	1300 "	5.40	.07	3.50
5½ "	1600 "	6.75	.....	.....
6 "	1950 "	8.10	.09	5.00
6½ "	2500 "	10.80	.....	.....
7 "	3350 "	13.50	.15	6.00
8 "	4400 "	19.50	.20	8.50
9 "	6600 "	30.00	.35	12.00
10 "	8700 "	40.50	.50	14.00
11 "	11250 "	60.00	.65	17.00
12 "	14500 "	82.50	.95	21.00
13 "		105.00	1.20	.30 each
14 "		135.00	1.50	.40 "
15 "		210.00	2.50	.50 "
16 "		300.00	3.50	.65 "
18 "		450.00	5.00	.85 "



We are prepared to give you the right figures on first-class Earthen Ware, on application.

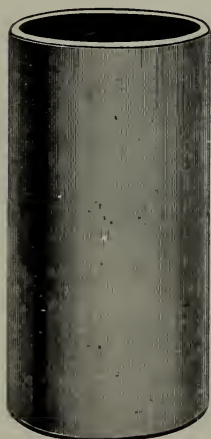
SEED OR BULB PANS



	Per 100	16 inch each,	
5 inch Round,	\$5.40		\$3.75
6 " "	8.10	18 " "	4.75
7 " "	13.50		
8 " "	19.50	20 " "	6.50
9 " "	30.00		
10 " "	40.50	22 " "	9.50
12 " "	82.50		
14 " "	135.00	24 " "	12.50

FIRE CLAY
FLUE LINING
2 FOOT LENGTHS

Openings and Register
50 per cent added.
*Sizes most used.



Outside Measure. Weight. List Price per ft.

4½x8½ in.	.....14 lbs.	.....\$ .45
4½x13 " "	.....20 " "	......60
4½x18 " "	.....40 " "	.....1.20
7½x7½ " "	.....15 " "	......45
*8½x8½ " "	.....20 " "	......60
*8½x13 " "	.....30 " "	......90
8½x18 " "	.....45 " "	.....1.35
*13x13 " "	.....38 " "	.....1.15
13x18 " "	.....57 " "	.....1.75
18x18 " "	.....72 " "	.....2.25

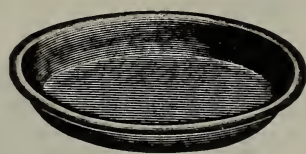
FIBRE WARE—FLORISTS' VASES

No. 0.	8x13, - - - - -	\$2.25
No. 1.	5½x10, - - - - -	2.00
No. 2.	4½x9, - - - - -	1.75
No. 3.	4x6, - - - - -	1.50
No. 4.	3x4½, - - - - -	1.15
No. 11.	5½x18, - - - - -	2.50
No. 22.	4½x15, - - - - -	2.25

INDURATED FIBRE WARE SAUCERS

WILL NOT SOAK WATER

	Each	Doz.
5 inch,	\$.45	\$5.20
6 " "	.50	5.50
8 " "	.60	6.50
10 inch,	.70	7.80
12 " "	.80	8.60
14 " "	1.00	11.20



CROCKS OR STONE JARS

For Butter, Meat, Pickles, etc. Large Stock in the
following sizes:

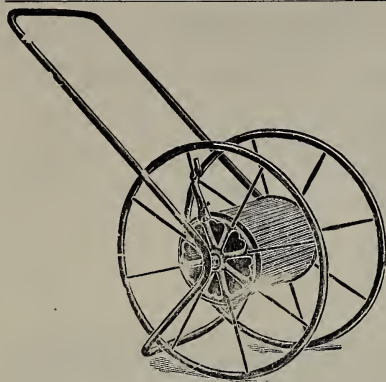
1 gal., 2-3-4-5-6-8-10-12-15-20-25 and 30 gal. - Prices on application

MANILA PAPER { Sizes 18 in. x 24 in.
" 24 " x 36 " } market price.
" 36 " x 48 " }

WHITE WAX PAPER—For flowers—ream.....\$2.75 and \$5.50.
WHITE TISSUE PAPER—For " "2.50 " 5.00.
GREEN TISSUE PAPER—For " "2.50.

STOVE LINING

Made of fire clay, to take the place of stove brick. Per Pkg.....30c, 50c and 70c
MAJORS RUBBER CEMENT. Per bottle.....15c
MAJORS CHINA CEMENT. Per bottle.....20c



Tubular Hose Reel

The "B&S" Hose Reel

A very satisfactory reel.

Price \$3.75

Simplex Hose Reel

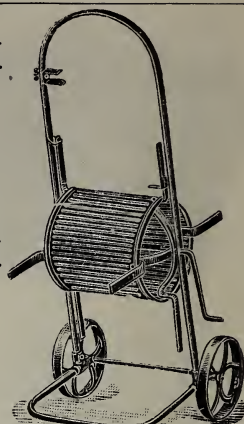
Price \$1.50

Tubular Iron Hose Reel

Light weight, high wheels.

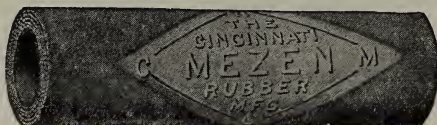
For 100 ft. Hose, \$6.00.

For 150 ft. Hose, \$7.00.



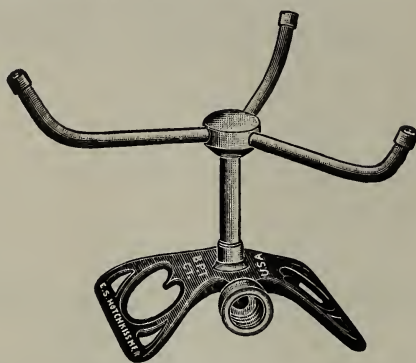
B & S Hose Reel

RUBBER HOSE



"MOLDED HOSE"—A fine quality hose non-kinkable, very pliable, especially good for tree spraying and greenhouse use, $\frac{5}{8}$ in. and $\frac{3}{4}$ in., 25c ft. coupled.

HOWARD'S "Maxecon"—An excellent hose. $\frac{1}{2}$ in., 18c., $\frac{3}{4}$ in., 20c.

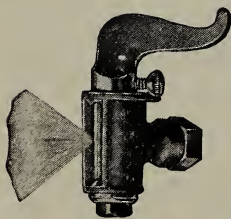


Lawn Sprinkler, Fig. 35, \$2.25

- LAWN SPRINKLER.—Similar to Fig. 35 but with longer arms, higher standard and rose spray, \$6.00
 RING SPRINKLER.—Very simple, Brass, each \$1.25
 HOSE COUPLINGS—Complete set, .35
 " Bands and Clamps, each, .05 and .10
 " Menders "Cooper's," $\frac{3}{4}$ in., $\frac{1}{2}$ in., each 15c; doz., 1.50
 " Washers, per dozen, .15
 " Pliers, .25
 " End for connecting hose with faucet, .50
 " Perfect Clinch Mender, each, .15
 HOSE NOZZLE.—Throws spray or solid stream by turning thumb screw. .90
 MISTRY NOZZLE,—for $\frac{1}{4}$ in. pipe, \$2.00; for Hose, \$2.25
 MISTRY JR. NOZZLE,—for $\frac{1}{4}$ in. pipe, \$1.25, for Hose, \$1.50
 COUPLING to connect Hose with $\frac{1}{4}$ in. extension pipe, .30
 VERMOREL SPRAY NOZZLE,— \$1.40
 KINNEY PUMP,— \$2.50
 ROSE SPRAY NOZZLE,— 40c and \$1.50
 Chisel Blade Weed Cutter, with Foot Rest, \$1.25
 Pastime Weed Extractor, with 4 ft. handle, .40

BRASS PLANT SYRINGES.

- No. "H" Barrel 16 in. long, 1 1-2 in. in diam., \$3.50
 No. "G" Barrel 16 in. long, 1 spray, 1 stream Rose, \$5.50
 No. 6. 1 Rose and Angle Joint, \$8.75



Bordeaux Nozzle, \$1.25

WATER BARREL TRUCK

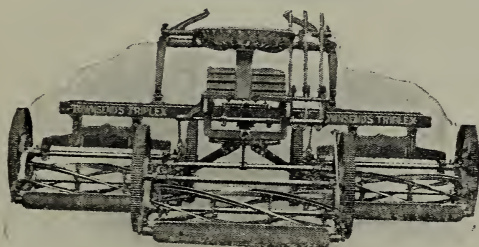
- TRUCK without barrel, 2 $\frac{1}{2}$ inch tire, \$18.50
 HAND CART BOX, 6.50
 LEAF RACK, \$13.50



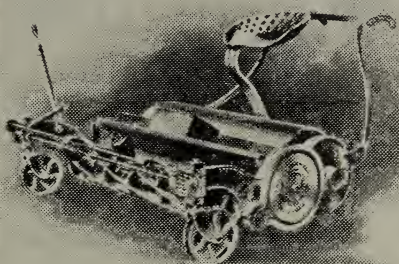
Boston Hose Nozzle 90c

COLDWELL IMPROVED LAWN MOWER

A Splendid Machine. It is provided with shafts, seat and side draft attachment. Each mower is guaranteed to give complete satisfaction. The new lever attachment for raising knives from the ground and adjusting heights of cut is very convenient. Price: 30 in., \$145.00; 35 in., \$165.00; 40 in., \$185.00.



Coldwell's "Improved" Horse Lawn Mower



TOWNSEND'S TRIPLEX HORSE LAWN MOWER

THE TRIPLEX, consists of three lawn mowers yoked together, two abreast and one following in the center, easily drawn by one horse and cuts a swath over seven feet wide—conforms itself to uneven surfaces, does good and very rapid work. Price complete \$400.00 f. o. b. factory.

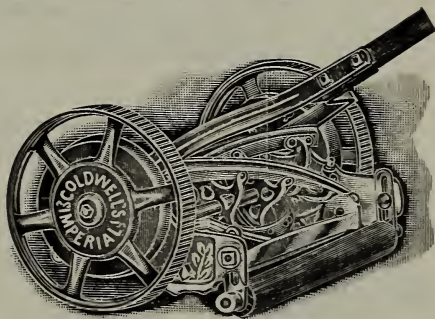
VICTORY BALL BEARING LAWN MOWER

Light, easy running, a beauty, 16 in., \$22.00; 18 in., \$24.00; 20 in., \$26.00.

IMPERIAL HIGH WHEEL LAWN MOWER

This mower is not surpassed by any Lawn Mower in the market. It is easy running, does the best of work, and its construction is such that it will outwear any lawn mower made.

Price: 16 in., \$21.00; 18 in., \$22.00., 18 in., 5 blade mower \$25.00.



THE MOTO-MOWER

A sturdy, simple Motor Lawn Mower. Width of cut 27 in. Price: \$275.00 at factory.

THE COLDWELL MOTOR MOWER

Model H. 30 in. cut. Strong, reliable. An excellent machine. Price: \$500.00 f.o.b. factory.

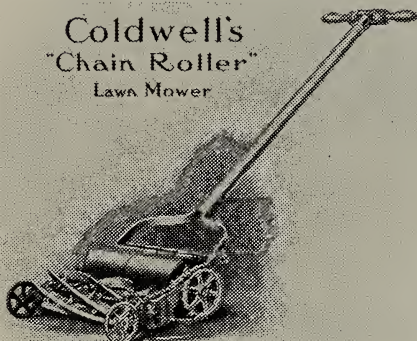
THE ELECTRIC LAWN MOWER

A high-class ball-bearing mower \$12.50

THE JEWEL LAWN MOWER

An excellent medium price lawn mower.
14 in., \$10.00; 16 in., \$11.00.

Coldwell's
"Chain Roller"
Lawn Mower

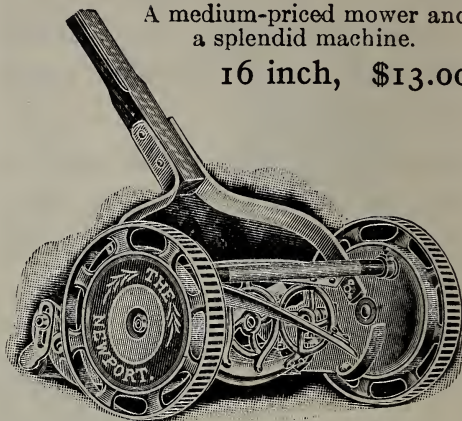


PRICE—4 Blade Mower, 12 in. \$29.00;
PRICE—6 " " " \$31.00;

THE NEWPORT HIGH WHEEL MOWER

A medium-priced mower and a splendid machine.

16 inch, \$13.00



CHAIN OR GEARED ROLLER MOWER

These are designed especially for use on borders and on the edges of drives and walks.

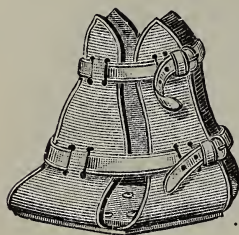
They run very easily and are quite a necessity on all large lawns.

14 in. \$31.00;	} Add \$3.50 for
" \$33.00;	
	Grass Catcher.

THE NORKA LAWN MOWER

This mower is what might be called a bargain mower, it is worth much more than the price asked. 16 inch only, \$8.50.

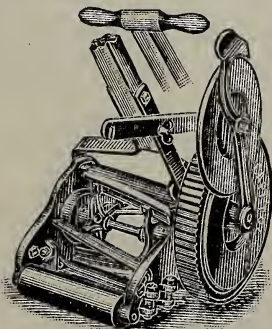
GRASS CATCHER for high wheel mowers, \$3.50 each.



HORSE LAWN BOOTS

To prevent horse from marking the lawn.

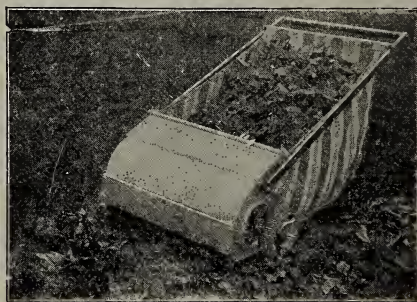
Price per set of 4
\$20.00



Capital Lawn Edger and Trimmer

For cutting grass borders and trimming edges of walks.

Price complete,
\$9.50



THE PENNSYLVANIA LAWN CLEANER

A revolving fan with metal teeth, takes up leaves, dead grass, stones, etc.

Price, 24 in.	\$35.00
" 36 "	50.00

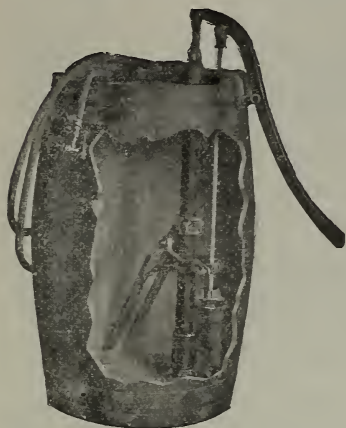
SPRAY CALENDAR

As Recommended by Massachusetts and New Jersey Experiment Stations.

We carry a complete line of Insecticides and Fungicides necessary for the control of Plant Pests found in this locality.

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
APPLES	1st Spraying Early spring just as the buds are breaking	Commercial Lime-sulfur, 6 gal.; arsenate of lead paste 4 lbs, 40% nicotine sulphate $\frac{3}{8}$ pt. milk of lime, 5 lbs.	Scale, aphid, bud moth, and certain fungous diseases
	2nd Spraying Just before the blossoms open	Lime Sulfur, 1 gal.; 40% nicotine sulphate $\frac{3}{8}$ pt.; arsenate of lead paste 3 to 5 lbs.; milk of lime, 5 lbs.	Budmoth, tent caterpillar, browntail moth, curculio, aphid, red bug, and scab
	3rd Spraying Within a week after the petals fall	Same as second spraying	Codling moth, curculio, apple scab, red bug, gypsy moth and aphid
	4th Spraying About 4 weeks later	Same as third spraying except nicotine may be omitted if aphid are not present	Codling moth, lesser apple worm, scab, gypsy moth, sooty fungus, etc.
PLUMS	1st Spraying Before the buds swell	Commercial lime-sulfur 1 part to 9 parts of water	Black knot, brown rot, and San José scale
	2nd Spraying Immediately after the petals fall	Self-boiled lime-sulfur: 3 lbs. arsenate of lead paste to each 50 gal. water	Brown rot, curculio, and fungous diseases
	3rd Spraying When fruit is the size of small green peas	Same as 2nd spraying	Curculio, brown rot, and fungous diseases
	4th Spraying 3 weeks after 3rd spraying	Self-boiled lime-sulfur	Note:—To get best results in rot control from spraying, thin green fruits in June so that they do not touch.
CHERRIES	1st Spraying Before the buds swell	Commercial lime-sulfur, 1 part to 9 parts of water	For scale insects and fungous diseases
	2nd Spraying Immediately after the petals fall	Self-boiled lime-sulfur and 3 lbs. arsenate of lead paste to each 50 gal.	For brown rot, leaf spot, curculio, leaf choppers and fungous diseases
	3rd Spraying When the fruit is the size of small pea	Same as 2nd Spraying	Same as 2nd spraying
	4th Spraying After the fruit is picked	Self-boiled lime-sulfur only	For leaf spot
	5th Spraying 3 or 4 weeks after 4th spraying	Same as 2nd spraying	For leaf spot

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
GRAPES Note.—Destroy all diseased parts, including leaves, fruit, and canes and trash around the vineyard	1st Spraying Just before the blossoms open	Bordeaux Mixture (4-4-50)	Mildew, Black rot, and anthracnose
	2nd Spraying Shortly after the blossoming period	Bordeaux Mixture (4-4-50)	Same as 1st Note: — Where grape leaf hopper is present combine nicotine Sulphate $\frac{1}{4}$ pt. to 50 gal. water with the Bordeaux Mixture
	3rd Spraying 2 weeks later	Same as 2nd	Same as 2nd
PEARS	1st Spraying In fall after leaves are off	Soluble oil of winter strength or $\frac{3}{4}$ pt. of 40% nicotine sulphate, Add 4 lbs. soap to sol.	For pear psylla adults and San José scale
	2nd Spraying As the cluster buds separate and before the blossoms open	Commercial lime-sulphur 1 part to 9 parts of water	For San José scale and pear psylla eggs.
	3rd Spraying Directly after petals fall	Commercial lime-sulphur, 5 qts. plus 3 lbs. of arsenate of lead paste	For fungous diseases, codling moth, curculio, canker worms, tent caterpillars and leaf chewers generally
	4th Spraying Seven days after the blossoms fall	Same as 3rd spraying	For brown blotch, black spot and other fungous diseases, curculio and leaf chewers generally. For leaf hoppers use 40% nicotine sulphate $\frac{3}{4}$ pt to 50 gal. water
	5th Spraying Seventeen days after the blossoms fall	Same as 3rd spraying	Same as 4th
	6th Spraying 4 to 5 weeks after the blossoms fall	Same as 3rd spraying	For codling moth, brown, blotch, black spot, and leaf chewers generally
	7th Spraying 10 to 11 weeks after blossoms fall	Same as 3rd spraying	Same as 6th
POTATOES	1st Spraying When plants are 6 in. high	Bordeaux mixture (4-4-50) plus 3 to 6 lbs. arsenate of lead paste	for early blight, late blight potato beetle and flea beetle. Note:—Bordeaux Mixture has proved to be the best fungicide for potatoes as it effectively controls blights and has a stimulating effect on the vines
	2nd Spray 2 wks. after the first	Same as 1st	Same as 1st
	Subsequent sprays	Keep plants well covered; in wet seasons as often as 10 to 14 days use 5-5-50 Bordeaux with same amount of arsenate of lead	



POMONA SPRAY PUMP

One of the Best Pumps for orchard use, very powerful, all working parts solid bronze.

Price with Agitator and barrel fastenings (without barrel or hose), \$29.50.

Pump with 15 ft. hose, "Mistry" nozzle and Agitator, without barrel, \$35. Fitted to barrel, \$43.50.

Price with two leads of hose, with nozzles and Agitator, without barrel, \$40.00. Fitted to barrel, \$48.50.

Gould's Cart for mounting barrel sprayers, without barrel, \$26.00.

"Iron Age" Four Row Traction Sprayer

A practical Sprayer operated by horse power, tank is strongly constructed, holds 55 gallons, sprays four rows at once.

Price with Pole, Duplex Pump, Wind Shift and Nozzle Strainer, \$195.00. Extra for Drop Nozzle Spray Bar Attachment, \$37.50. Orchard attachment, extra \$17.50.



The Aquarius

THE AQUARIUS

A very powerful little pump, throws a steady stream. Cylinder, piston rod and couplings are brass, fitted with 2½ ft. suction and 3 ft. discharge hose, one spray and one solid stream nozzle.

Price \$11.00

With Vermorel Nozzle, " 12.00

THE AQUAPULT

A VERY SERVICEABLE HAND FORCE PUMP

The valves are brass balls, which successfully resist the action of acids. Complete with 3 ft. discharge hose, solid stream and spray nozzle, Price \$9.00 With 4 foot Extension Rod and Bordeaux Nozzle, \$11.00.

THE AUTO SPRAY PUMP—Similar to the Aquapult but smaller. \$5.50

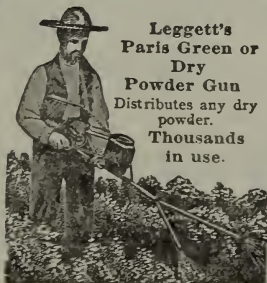


IMPROVED SPRAYER

Throws a very fine spray of any liquid mixture usually used in destroying insects, bugs, etc.; throws dry insecticides nicely. The best thing for applying Kilfi, etc. on cattle. 60c, 75c and \$1.25.

The "Iron Age" Horizontal Sprayer

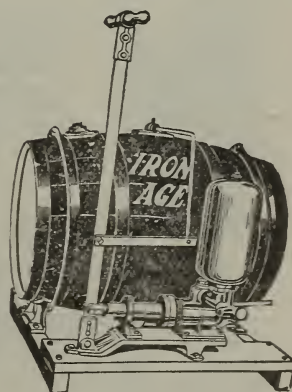
Leggett's
Paris Green or
Dry
Powder Gun
Distributes any dry
powder.
Thousands
in use.



Price, \$15.00

Mounted on skids, can be set in any wagon, cart or sled.

Price Single Acting Pump, \$42.50; with one lead hose, \$48.00. Double Acting Pump \$66.00. With one lead hose, \$76.00. Four Row Wagon attachment, \$18.50.



The Aquapult

INSECTICIDES

APHINE,—For the destruction of green fly, black fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale. $\frac{1}{4}$ Pt. 25c; Quart \$1.00; Gallon \$3.50.

APHIS PUNK.—For fumigating Greenhouses. Three rolls will fumigate 100 foot house. One dozen rolls in box. Price per box, \$1.00.



AR-BO, Sterlingworth.—Kills leaf eating insects and prevents fungus diseases. Use 1 lb. to 10 gallons water. 1 lb. 40c, 5 lbs. \$1.65.

ARSENATE OF LEAD.—Paste. 1 lb. 40c, 5 lbs. \$1.75, 10 lbs. \$3.

ARSENATE OF LEAD,—Dry. Per 1-2 lb. 40, 1 lb. 75c.

Bordeaux Mixture, Sterlingworth. — Prevents Potato Blight, Mildew and all Fungus growths. Dilute with 25 to 50 parts water. Qt. can, 60c; Gallon can, \$2.00.



"Black Leaf 40"—A strong, nicotine preparation, for destroying aphis, thrip, etc., 1 oz. 25c; $\frac{1}{2}$ lb. can, \$1.00; 2 lb. can, \$3.25; 10 lb. can, \$13.75.

BLUE VITRIOL,—Blue Stone Copper Sulphate, (Crystals), per lb., 20c.

BUG DEATH.—An insecticide for destroying Potato, Squash and Cucumber Bugs, Currant Worms, etc. Price 1 lb. pkg., 25c, 3 lb. pkg. 50c, 5 lb. pkg. 75c, 12 $\frac{1}{2}$ lb. pkg. \$1.50; 100 lb. keg, \$9.25.

CARBOLA—A disinfecting, germ-killing white paint, used instead of whitewash. 25c oz.; package, 35c; 10 lb. pkg., \$1.25; 50 lb. bag, \$5.00.



CATTLE OIL—Protects stock from flies, qt. can 65c.

Chloride Lime.—A valuable disinfectant. Price 1 lb. box, 15c.

Copper Solution.—To prevent blight, rot and mildew, qt. \$1.50.

Cut Worm Killer, Sterlingworth. — Non-poisonous powder. Birds and fowls that eat the dead worms are not killed. One pound protects 175 plants or a 150 ft. row. 1 lb. box, 35c.

Cyanide of Sodium.—Per lb., \$2.00.

Fungine. — A remedy for mildew, rust and other fungus diseases, qt. \$1.25, gal. \$4.00.

GRAPE DUST—For the prevention of mildew, 5 lb. pkg. 90c.



HE-BO.—A substitute for Hellebore for Currant Worms, Rose Slugs, etc., $\frac{1}{2}$ lb. box 25c, 1 lb. Box 45c.



KILFLI (So-bos-so).—An excellent preparation to protect animals from flies. Price per gal. can, \$2.00.



Hellebore, Sterlingworth. — For currant worms and rose slugs. Price $\frac{1}{2}$ lb. box, 40c; 1 lb. box, 65c.



Kerosene Emulsion, Sterlingworth. — For scale and all sucking insects. Per qt. 55c, gal. \$1.50.

NICO-FUME—Tobacco Paper for fumigating. Per can, \$1.25 and \$5.00.

NICO-FUME LIQUID—For fumigating and spraying. Lb. can, \$2.00 4 lb. can, \$7.50.

NIKOTEEEN—The large bottle represents the extracted product of 150 lbs. tobacco. Price, 2 oz. bottle, 50c.; large bottle, \$2.50.

Nikoticide — A powerful tobacco insecticide for greenhouse fumigating. Cans, \$1.50 and \$2.75.

NO SCAB, (Sterlingworth) — For treatment of Seed Potatoes for Scab and for grain (except loose smut of Wheat and Barley, which this preparation will not control). Per bottle 90c.

Lime and Sulphur Wash, Sterlingworth.—The most widely used and recommended remedy for San Jose Scale. 1 gal. makes 10 to 40 gals. Prices, 1 qt. can, 50c; gal. cans, \$1.00; 5 gals., \$3.50.

Barrel of 50 gal., \$17.50.





INSECTICIDES (Continued)

PARIS GREEN.—Absolutely Pure.— $\frac{1}{4}$ lb. pkg., 25c; $\frac{1}{2}$ lb. pkg., 40c; 1 lb. pkg., 75c.

Plant Food.—Ferti-Flora, per bottle, 30c.

PLANT LICE KILLER, Sterlingworth.—For killing aphids on fruit trees, potatoes, garden truck and house plants. Pint, 30c; quart, 50c.



Plant Tablets.—Sterlingworth, dissolve in water, makes plants bloom luxuriantly. Price 10c.

Potash.—Per box, 15c.

Ryrox

PYROX.—A spray for all leaf eating insects, also a preventative of fungus diseases. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$20.00; 300 lbs., \$57.00.

Rat Annihilator.—Kills and consumes the body of the rat. Pkg 20c.

Rat Corn.—Kills and mummifies rats and mice, 25c and 50c.

Roach Killer.—Pkg. 35c.

Scalecide.—For spraying, especially good for San Jose Scale. 1 gal. \$2.00, 5 gals. \$7.00.

Seal Oil Soap.—A valuable insecticide for syringing and washing plants. Box 35c.

Sheep Dip.—Cooper's—In powder form pkg. makes 25 gallons. Price 60c.

Sheep Dip.—"Kill Germ" for dipping sheep and for lice on cattle and hogs. Qt., 60c; $\frac{1}{2}$ gal., \$1.00; one gal., \$1.75.

Slug Shot—Hammond's.—Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 5 lb. pkg., 65c; 1 lb., 20c.

Sylpho-Napthol.—A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 25c; medium bottle, 50c; large bottle, \$1.00; one gallon can, \$3.00; five gallon can, \$12.50; ten gallon can, \$20.00.

Sulphur, Flowers of.—Much finer and preferable to Flour of Sulphur, for the prevention and cure of Mildew on grapes, vines, roses, etc. Price per lb., 12c; 100 lbs., \$9.00.

Sulphuric Acid.—Per bottle, \$1.25.

Tobacco Dust.—A very fine dry powdered tobacco. Price per lb., 15c.

Tobacco Stems.—For fumigating. In bales of about 100 lbs. each, 3c per lb.

TREE TANGLEFOOT.—A sticky substance applied directly to the bark to protect trees against climbing insects. 1 lb. can, 50c; 3 lb. can, \$1.45; 10 lb. can, \$4.50; 20 lb. can, \$8.75.



Weed Killer, Sterlingworth.—A powder, dissolves in water, for use on walks, drives and gutters. 1 lb. pkg., makes 15 gals., 60c; 5 lb. pkg., \$2.25.

Weed Killer, Dolge's.—For killing weeds in drives, walks, tennis courts, gutters, etc., highly concentrated. 1 gal. can, \$2.00; 5 gal. can, \$8.50; 10 gal. can, \$15.00; bbl. of 50 gal., \$52.50.

WHALE OIL SOAP.—Per lb., 35c.

WHALE OIL SOAP, with Tobacco.—Sterlingworth

—Makes an excellent wash for trees and plants, and for smearing on the trunks of trees, to prevent worms from crawling up. Excellent for destroying the Green Worm on Cabbages. 1 lb. box, 40c.

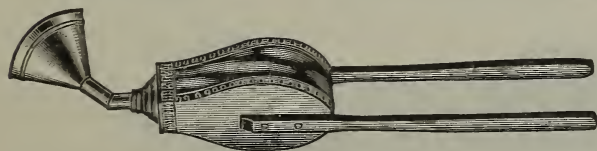
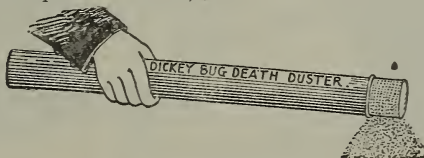


X L ALL.—Liquid insecticide, for spraying and sponging to destroy insects. quart can, \$2.50; half gallon can, \$4.50; 1 gallon can, \$8.00.

X L ALL.—Vaporizing Compound for fumigating, per bottle, sufficient for fumigating 40000 cubic feet, \$8.00.

Lamp for Fumigating.—Complete with stand, \$1.75.

DICKEY BUG DEATH SIFTER,
60c.



BELLOWS OR GUN.—For applying dry, Paris Green, Hellebore, Tobacco Dust, Sulphur, etc., \$1.85.

INSECT POWDER GUN.—Small, 20c.

B D SIFTER

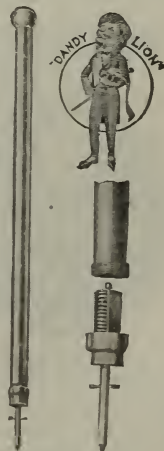
For using Bug Death and other Insecticides dry. It is well named. Price, 85c.

TORCHES, Made of asbestos. 40c.

"DANDY-LION" WEED KILLER

For killing dandelions and other weeds in lawn with weed killing liquid.

Price \$1.75





SHOVELS

	Long Handle Round	D Handle Round	Long Handle Square	D Handle Square
Subject to change in market.				
Ames,	\$2.50	\$2.50	\$2.50	\$2.50
Blair,	2.25	2.25	2.25	2.25
Lee,	2.25	2.25	2.25	2.25
Brown,	1.75	1.75	1.75	1.75

STEEL SCOOPS

		Polished Plain	Polished Ex-Strapped
SANDERSON'S	No. 2, - - - - -	\$1.90	
"	No. 3, - - - - -	1.95	
"	No. 4, - - - - -	2.00	
"	No. 5, - - - - -	2.15	
"	No. 6, - - - - -	2.25	\$2.40
"	No. 7, - - - - -	2.50	2.65
CONNEAUT,—Popular with the Coal men.	No. 5, \$2.00; No. 6, \$2.15; No. 7, \$2.25.		
Steel Furnace Scoop,	\$1.50 and \$1.75	Wire Potato Scoop,	\$3.50



PICKS—Adze
Eye Railroad
\$1.25
Contractors, \$1.50

SPADES

	D Handle	Long Handle
Ames, - - - - -	\$2.50	\$2.50
Lee, - - - - -	2.25	2.25
Brown, - - - - -	1.50	1.50

HANDLES

Sledge.....40c, 50c and 60c
Hammer.....20c and 25c
Hatchet.....25c and 50c
Pat Cross Cut Saw, per pr., 50c, 65c, \$1.50.
Ice Hook...90c, \$1.00, 1.20 and 1.50
Axe—See Axes
Pick.....30 to .50
Long or D Shovel......65
Manure Fork.....65c and 75c
D. Spading Fork.....75c
Long Spading Fork.....75c
Hay Fork.....35c, 40c and 45c
Hoe and Rake......50 and .65
Long Snow Shovel.....35c

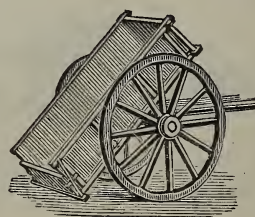
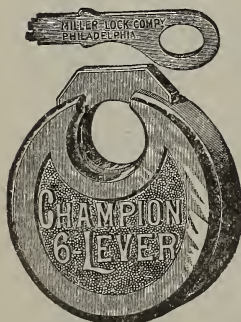
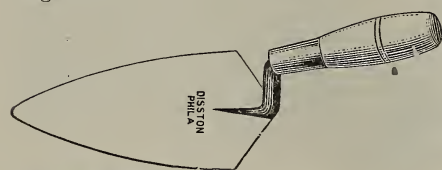
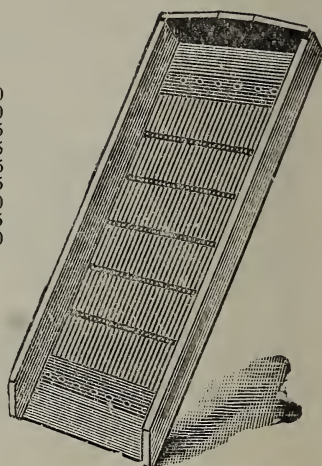
BRICK TROWELS

Disston's.....\$1.50, 1.75, 2.00
Pointing 4½ inch......60
" 5 inch......65
MASON'S Hooks.....2.25
" Floats or "Darbies"1.25
" Cork Floats.....1.25
Tape Lines 50 ft......75 to 5.00
" 75 ft.....1.00 to 6.75
" 100 ft.....1.25 to 9.00

PLASTERING TROWELS.

Disston's 10½ inch \$1.25
" 11 inch 3.00
" 11½ inch 3.25

Mason's Sand Screens.
Medium.....\$6.50
Large.....7.50
Gravel Screen.....12.50



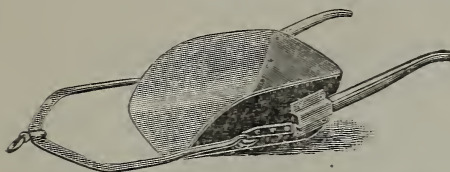
Mortar Hods Steel \$2.25
Brick Hods Steel 1.50

TWO WHEEL DUMP OR
FARM CARTS

PADLOCKS

25c to \$2.50. Special
Milk Can Locks,
\$1.00, 1.25 and 1.50

Dimensions of Body
Medium, 3' 2½" front, 3' 6" rear, 17½" deep
Axle Tires List Prices
1½" steel 3" \$105.00
Extra for 4" tire, \$6.00



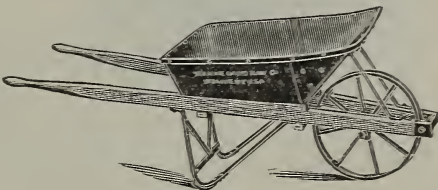
SOLID STEEL SCRAPER

No. 0 Extra Large, Two Horse, Capacity 9 Cubic feet with Runners, - - - -	\$26.00
No. 1 Large " " 7 " " " " - - - -	20.00
No. 2 Medium " " 5 " " " " - - - -	19.00
No. 3 One-horse " " 3 " " " " - - - -	18.00

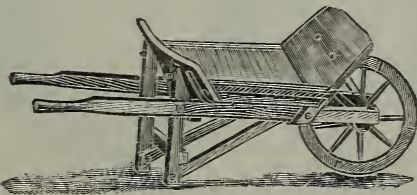
NO. 75-A WHEELBARROW

No. 75A.—A perfect end dump contractor's barrow, capacity 4 cubic feet, - - - -	\$12.00
All Steel Wheelbarrow, - - - -	\$16.00

Special prices on quantities



STEEL TRAY WHEELBARROW



No. 2 Capacity 3 cubic feet, with steel wheel,	\$10.00
No. 4 " 4 " " " " " "	10.50
BOLTED RAILROAD or CANAL BARROW, patent wood wheel.	6.00
BOLTED RAILROAD or CANAL BARROW, patent steel wheel.	7.00

WINDOW COAL SHUTE

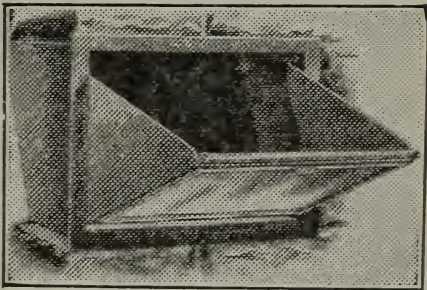
	Hopper Opening, Outside Rim.	Price
Size "A" 22 wide—16 high 25x19		\$12.00
Size "G" 32 " 24 " 35x27		17.00

MEASURING RODS

6 ft. long, with brass tips, graduated to 1/8 inch	\$1.75
10 ft. long, " Metal " " 1/8 "	1.75
10 ft. long, " " " " tenths	2.00

CART HARNESS

NEW ENGLAND PATTERN, (collar not included).
Prices on application.



BOTTOM DUMPING WAGON

1 1/2 yard capacity, 3 inch
Tire, Bottom lined, Flaring
Side-boards.
2 yard capacity, 4 inch
Tire, Full lined, Flaring
Side-boards.

Prices on application



PORTLAND CEMENT (Best Brands Only)

We are in a position to furnish Portland Cement in any quantities from a pound to any number of carloads, our facilities for supplying on large contracts being especially good. We will figure on board cars, at our storehouse, or delivered on the job as desired. Prices on application.

KEENE CEMENT—For fine plastering and tile work, per bag \$2.50.

LIME

We are Sole Agents in this vicinity for the celebrated Farnum Cheshire Lime, and carry in stock the following brands:

Black Label Lump. For Brick and Stone Work.

Finishing Lime. (Hand picked) for Finishing Coat work.

Red Label Lump. Selected Lumps for whitewashing.

WALL PLASTER

PEERLESS NEAT. To be used with sand, a splendid Plaster, works easy under the trowel, dries quickly, economical and is very much liked by the masons and builders. 100 lb. bag, \$1.60, per ton including bags, \$30.00.

PEERLESS WOOD FIBRE. Ready to use. Works nicely under the trowel, makes an excellent wall. 100 lb. bag, \$1.60 per ton including bags, \$30.00.



HYDRATED LIME. "Tiger Brand." "White Rock Finish."

We recommend this always for finish work. For plastering and Finishing Coat work. Per 50 lb. bag, 75c; per ton, \$27.00.

MASONS CALCINED PLASTER (Plaster of Paris), Higginson's probably the best; per bbl. \$6.50.

HAIR FOR PLASTERING. Extra long goat, per bushel sack 63c.

MORTAR RED. Dry per lb. 5c, special prices in quantities.

ATLAS WHITE PORTLAND CEMENT a pure white Portland cement, per bag \$2.25. Special price in quantities.

PLASTER BOARD "PEERLESS", a very strong plaster

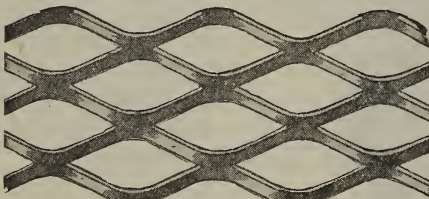
board, 32 in. x 36 in. Price per board 36c

CONCRETE HARDENER,—(Master Builders.) For waterproofing and surface hardening of concrete, per bag of 50 lbs. 15c per lb.

Concrete Hardener (Metalcrete.) Bag of 50 lbs., 15c lb.

MEDUSA WATERPROOF COMPOUND, per bag, 40 lbs., 15c lb. Special price in quantities.

MEDUSA WATERPROOF PASTE, One gallon to one bbl. cement, dissolve in the water, 1 gal. can \$1.15, 5 gal. can, \$5.50



MAHONING, 24 Gauge, 13½ yards in a bundle of 9 sheets; 1½ yds. to sheet. Per sq. yard, prices on application.



METAL LATH

BERGER STANDARD, 24 Gauge, in bundles of 9 sheets or 14⅔ yards; per sq. yard. Prices on application.

GALVANIZED STUCCO REINFORCING WIRE, 36 in. wide, 150 ft. rolls. \$3.50 per 100 sq. ft.

STORM KING ROOFING.—A splendid roofing, it will certainly please you, the price is extremely low considering the quality.

1 ply, per roll of 108 sq ft.,	\$2.50
2 " " " " " " "	3.00
3 " " " " " " "	3.50



WALL BOARDS

WALL BOARDS.—For walls and ceilings, Cream White, 32 inches wide, per 1,000 sq. ft., \$60.00

BLACK WATERPROOF BUILDING PAPER.
—In rolls of 250 and 500 square ft. Price per 500 sq. ft., \$5.00

RED ROPE ROOFING.—An excellent low cost roofing, will last for several years. Price per square of 108 ft., \$2.25

TARRED PAPER.—Single ply, per roll of 320 square feet (about 40 lbs.), 6c lb. Two ply, per roll of 108 square feet, \$2.25. Three ply, per roll of 108 square feet, \$2.75.

EVERJET ROOFING PAINT.—(Black)—For outside or inside use on metal or wood. Prevents rust, protects from weather, lasting. One gallon can \$1.00.

ELASTIGUM—A tough adhesive plaster cement for roofs, can 25c.

ROOF COATING—For tarred ready roofing, per gal. can \$2.00.

THE REYNOLDS ASPHALT SHINGLES

Fire resisting, lighter than Slate, as cheap as Wood Shingles and will last very much longer. Made in Red and Green. Some cities in Massachusetts forbid the use of wood shingles, a lower rate insurance is charged in some places where asphalt shingles are used. Be sure you get the Reynolds, it is the best. Price, Red or Green per 1000, \$10.00



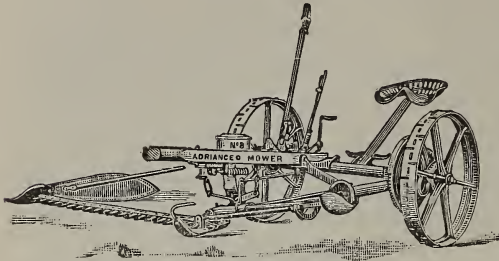
ROLL ROOFING.—For valleys to match the shingles. It also makes an excellent roof. Per roll, \$4.00.

ROOFING CEMENT "MATEX".—In 25 and 50 lb. pails 15c per lb..

ROOFING CEMENT "RUTLAND".—In 10 lb. cans, \$1.75 per can.

"	"	"	"	5	"	"	1.00	"	"
"	"	"	"	3	"	"	.65	"	"
"	"	"	"	1	"	"	.25	"	"

THE ADRIANCE BUCKEYE MOWER

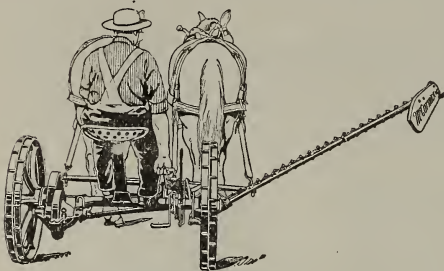


The Adriance Buckeye Mowers have long been considered Standard Goods and to-day are as good as are made. They are made both in the Buckeye Gear and Chain Gear.

THE BUCKEYE GEAR IS USUALLY PREFERRED.

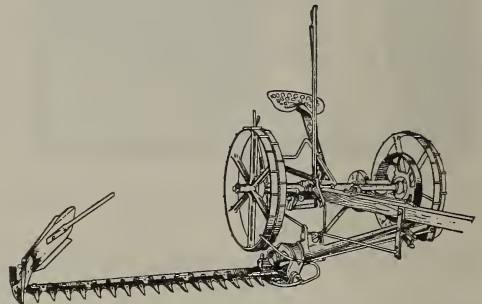
One-Horse, 3 ft. 6 in. or 4 ft. Either chain or Standard	- - - - -	\$91.00
Two-Horse, 5 ft. " " " "	- - - - -	95.00

McCORMICK
MOWING MACHINE



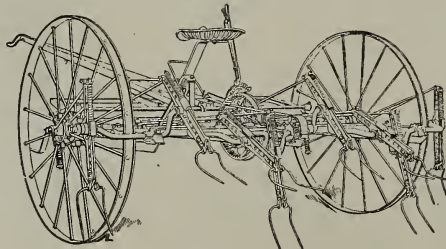
The McCormick Mower is one of the very reliable machines which we carry. It is light running, yet a strong, substantial Mower. Price One Horse, 4 ft. cut, \$91.00
Price Two Horse 5 ft. cut, 95.00

WALTER A. WOOD
MOWING MACHINE



The Wood Machines are well and favorably known the world over. The New Vertical Lift is proving very popular. Price, 5 ft., \$95.00

WOOD STEEL HAY TEDDER



Built of Steel throughout, has six forks, is strong and durable, adjustable for one or two horses.

PRICE,	- - - - -	\$77.00
--------	-----------	---------

The Side Delivery Rake. This can be used in connection with the Hay Loader or in an entirely separate manner. It is however more often used with the Hay Loader and in this way hay can be raked, loaded and transferred from the field to the barn very rapidly. Price - - - - - \$118.00

DRAG RAKE.—For Raking after load. Price,	- - - - -	\$1.50
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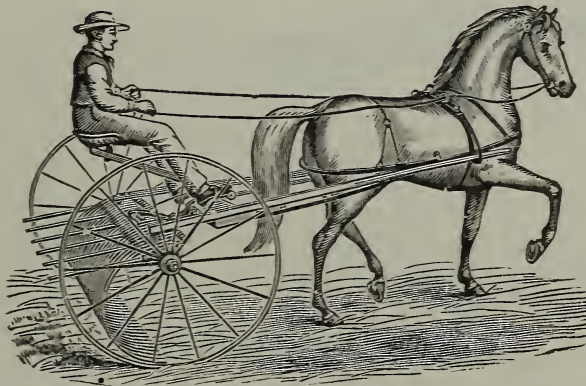
STEEL HAY RAKE



An excellent Self-Dump Steel Rake 8 feet wide—has 25 teeth also two guard teeth; easily operated, strong and durable.

Price \$50.00

THE YANKEE HORSE RAKE

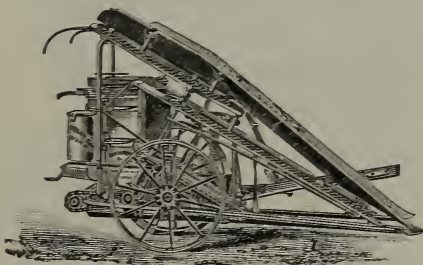


A very well known and thoroughly reliable rake, very easy to operate. Very much liked in the Berkshire Hills.

Price \$46.00

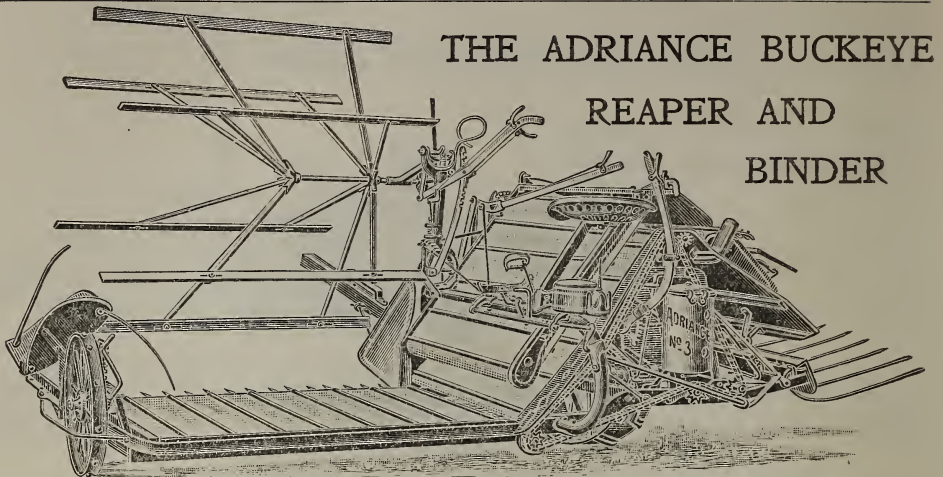
REPAIRS FOR FARM MACHINERY—We make a specialty of supplying parts for farm machinery. Bring old part or number of the piece wanted.

THE ADRIANCE CORN BINDER



This is a splendid working, strong and substantial machine, and backed up by the well-known Adriance Buckeye people. Contrary to a general claim by some other manufacturers, this is one of the lightest draft corn binders made. Let us show you this machine. We guarantee it.

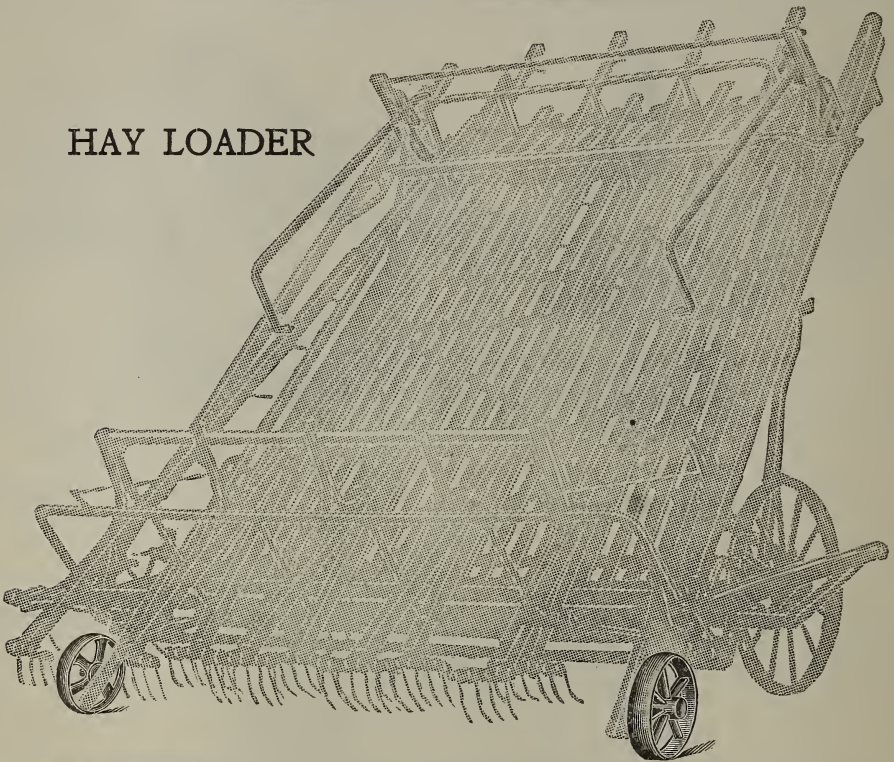
\$268.00



THE ADRIANCE BUCKEYE REAPER AND BINDER

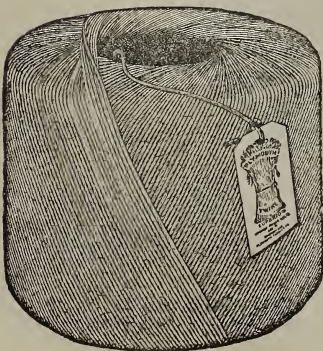
One of the best on the market, strong, light draft, and a perfect worker. Special Binder Catalog on Application. Price \$268.00

HAY LOADER



Loads from swath or windrow—a great labor saver and probably one of the best loaders made. Price, \$130.00.

HAY CAPS—Canvas. Prices given on application.



BINDER TWINE

Our Binder Twine is smooth, even, more feet to the pound than many other makes. It is Plymouth Twine, none better—in balls of 5 lbs. each—10 balls to the bale. Prices according to market.

HAND HAY AND LAWN RAKES

Extra, 3-bowed, Hay, - -	\$.70	Extra Wood Lawn, - - - -	\$.85
" 2- " - - - -	.60	Wood Rake Teeth, doz., - - -	.10
No. 1, 2- " - - - -	45c and .55		

WIRE LAWN RAKE,—Reversible, \$1.00

SCYTHE SNATHS

Ash, Grass, - - - - -	\$1.65	Ash Bush, - - - - -	\$1.85
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SCYTHES.

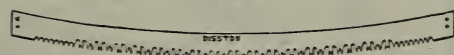
Clipper, - - - - -	\$1.75
Solid Steel, - - - - -	2.00
Our Special Solid Steel, - - -	2.25
Bush, - - - - -	2.00
Bramble, - - - - -	2.00
Grain Cradle Scythe, - - -	3.00
Snath Wrenches, - - - - -	.05
Loops, - - - - -	.15



BUSH or BILL HOOKS

Heavy, (handled), \$2.50

SAWS.

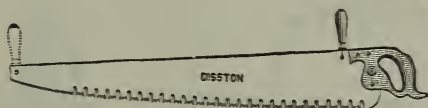


DISSTON

Cross Cut—Narrow, - - -	5 ft. \$4.25
" " " - - -	5½ ft. 5.00
" " " - - -	6 ft. 6.50

SIMONDS

Cross Cut—Narrow, - - -	No. 0214
" " " - - -	5 ft. \$6.50
" " " - - -	5½ ft. 7.50
" " " - - -	6 ft. 8.50



DISSTON

Cross Cut one man 3 ft., - - -	\$3.30
" " 3½ ft., - - -	3.85
" " 4 ft., - - -	4.40
" " 4½ ft., - - -	\$4.95 and \$6.50
Buck Saw—Either narrow or wide blade, - - -	\$1.50 \$2.00 and \$2.50
" Blade only, - - -	75c to \$1.50
" Frame only, without Strainer, - - -	50c
" Strainers, - - -	20c and 25c



Carpenters' "Cut Off" Disston's 20, 24 and 26 in. in two grades, \$2.75 and \$4.00
 Carpenters' "Cut Off" Simonds \$2.00 and \$4.00
 Imp., 1.25 and 1.75
 Keyhole Extension, .75
 Saw Clamp (Swivel), \$2.25

GRAFTING WAX.

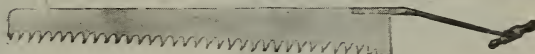
Trowbridge, ¼ lb. stick, - - -	20c
" ½ lb. stick, - - -	40c
" 1 lb. stick, - - -	65c

SCYTHE STONES.

English Round, - - - - -	\$.35
Emery Round or Cigar, - - -	.10
Carborundum, - - - - -	.35
Carborundum Rifle, - - - -	.35
Red End (coarse), - - - -	.10
White Mountain, - - - - -	.20

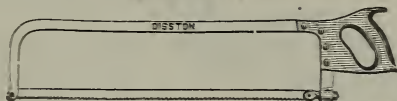


Axe Mattocks, - - - - -	\$1.40
Pick Mattocks, - - - - -	1.40
Mattock, or bog hoe, - - -	1.25
Saw Sets, - - - - -	\$1.50 and 2.00
Ice Saws, 4 ft. \$8.75, - - -	4½ ft., 9.00



Cart Ice Saws, - - - - - 3.50

MEAT SAWS.



Family Size, \$1.75, 18in. Disston's, \$3.00
 20in. Disston's, \$3.50, 22in. Disston's, 3.75

AXES.



Our Best, - - - - -	\$2.50
Connecticut pattern, - - -	1.75 and 2.25
Axes, Handled, - - - - -	\$2.50 and 2.75
" " Boys, - - - - -	1.75
Axe Stones, - - - - -	10c to 40c
Axe Handles, - - - - -	35c to 75c
Axe Wedges, - - - - -	5c

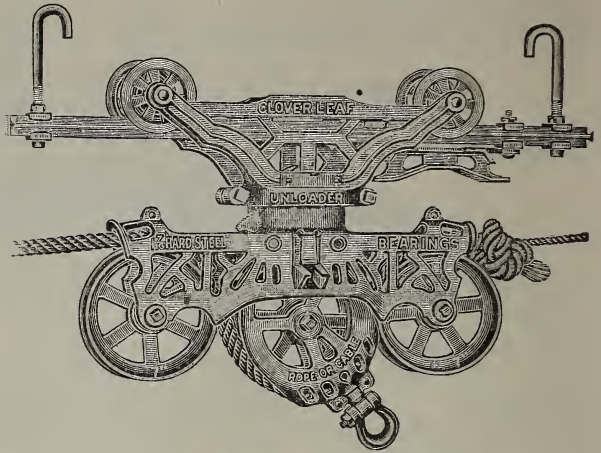
GRAIN CRADLES.

Turkey Wing, 4 fingers, - - -	\$7.50
Cradle Fingers, - - - - -	45c each
Hay Knife, Lightning, - - -	2.75
Flails, - - - - -	1.25
Carpenters' Squares, - - -	2.00 to 4.00
Saw Bucks, Folding, - - -	75c and 90c

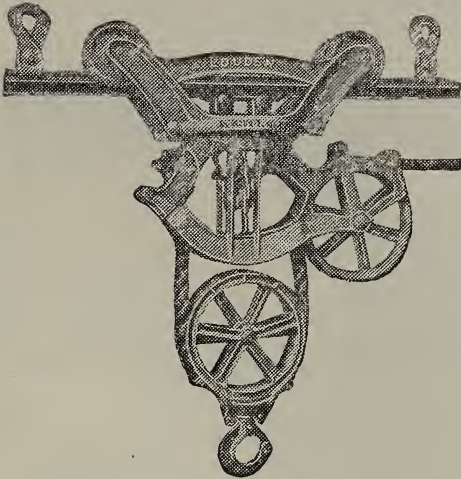
CLOVER LEAF STEEL TRACK HAY CARRIER

An up-to-date, practical Swivel and Reversible Carrier. Simple in construction. Anyone can put them up.

Clover Leaf Car, - - - -	\$15.00
Double Steel Track, per ft.,	37½¢
Track Connections, each, -	60c
Steel Track Hanger, per doz.,	3.00
Brackets, per doz., - - -	1.10
Floor Hooks, each, - - -	.30
Pulleys, Knot Passing, each,	.90, 1.25
“ Wood Sheave, each, .75,	1.50
“ Iron, each, - - -	.75
Drive Screws, per gross, -	1.50



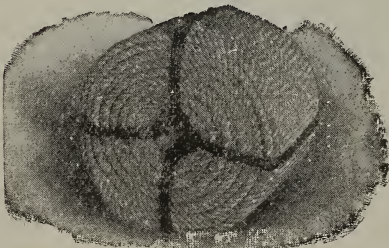
Louden Hay Carrier



One of the best Hay Carriers, operates in any kind of barn—it is Swivel and Reversible.

Price Louden Junior Car, - - -	\$14.40
“ “ Senior “ - - -	16.50
“ “ Double Bead Track, ft.,	37½¢
Standard Hangers, doz., - -	2.60
Screw Eyes, each, - - -	.20
Hoisting Whiffletree, each, -	3.00
Bracket Pulley Holder, - -	1.15
“ 5” Link Hangers, - - -	\$4.50 doz.

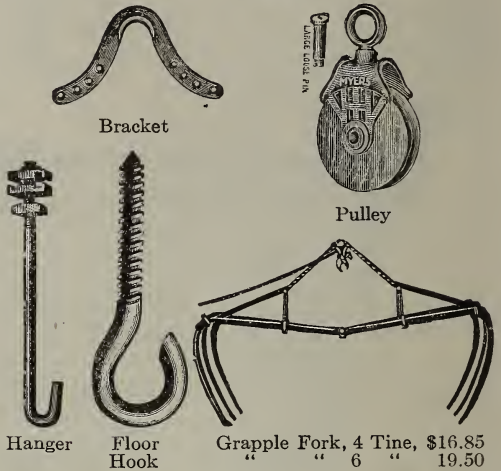
ROPE



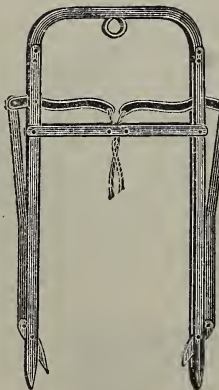
We carry in stock pure Manila Rope, sizes from ½ inch to 1 inch; prices according to market.

Hay Bale Ties

Stock sizes: 7 ft. 3 in. and 9 ft. Prices variable.



Bracket
Pulley
Hanger
Floor Hook
Grapple Fork, 4 Tine, \$16.85
“ 6 “ 19.50



DOUBLE HARPOON FORK

Long	\$3.60
Extra Long	\$4.50



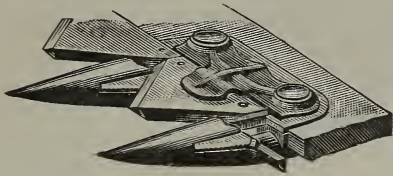
Rope Hitch
50c



Louden Litter Carrier

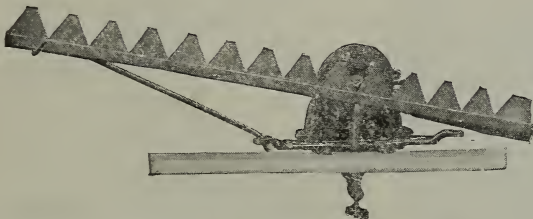
An excellent carrier
Prices on application

MOWING MACHINE KNIVES, SECTIONS GUARDS AND REPAIRS



OILERS

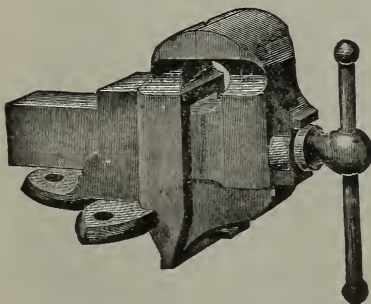
No. 114.....	35c
No. 13.....	35c
No. 13 A.....	40c
No. 14 B.....	65c
Sewing Machine Oiler	10c and 15c
Oil Can, One Gallon.....	50c
Oil Can, Five Gallon.....	\$1.50 to \$2.75



ROYAL SICKLE GRINDER, \$12.00



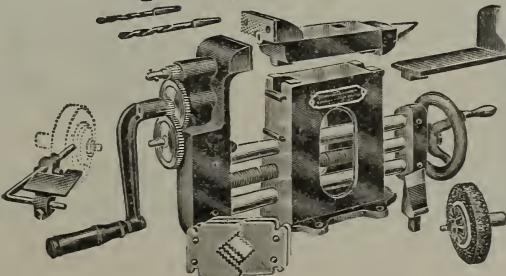
Coe's Agric'l	
Monkey Wrenches, 6 in.	\$1.25 75c
" " 8 in.	1.50 90c
" " 10 in.	1.75 1.10
" " 12 in.	2.30 1.25
" " 15 in.	2.75
" " 18 in.	3.85
" " 21 in.	4.50



The Handy Worker

A Very Handy Tool for any Shop combines several hand working tools, Vise, Pipe Vise, Anvil Cutting Hardie, Drill Press, and Grinding Wheel.

Price \$30.00



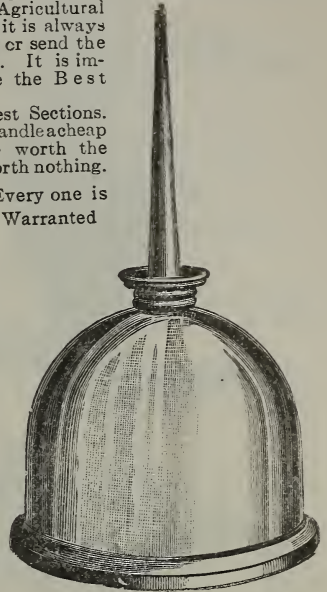
The furnishing of these goods is an important part of our business. We are in a position to supply you with PARTS of any Mowing Machine Rake, Tedder, Plow, Harrow, or most any Agricultural Implement made; and it is always best if possible to bring or send the old parts to insure a fit. It is important that you use the Best Knives and Sections.

We sell only the Best Sections. We positively refuse to handle a cheap section. The best are worth the money, the others are worth nothing.

FAUCETS

Ivy Wood 6 inch	20c
" " 7 "	25c
" " 8 "	30c

Every one is
Warranted



Stilson Wrenches

6 in.	\$1.20
8 in.	1.35
10 in.	1.50
14 in.	2.10
18 in.	3.00
24 in.	4.35
36 in.	8.00
48 in.	12.00



SCREW DRIVERS



PRICE, 25c TO \$2.00

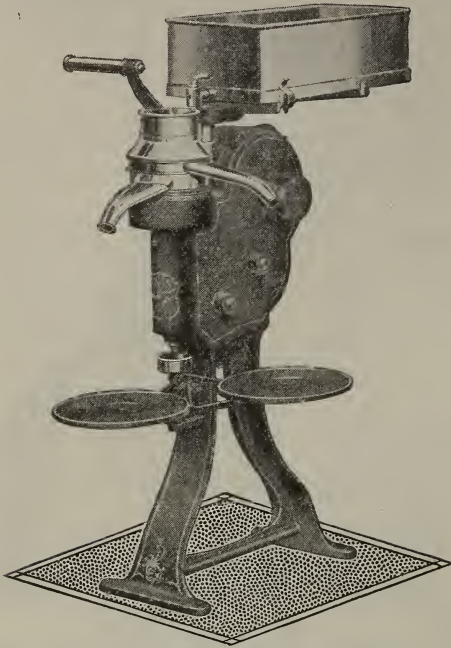
Nail Hammers steel,	\$1.00 and 1 25
" " Maydole,	\$1.50, 1.75, 1.90
Tack "	20c and 25c
Cold Chisels, each	20c
" " (heavy) each	25c to 75c
Rivet Punches,	20c and 25c

Our Standard Vise

Not a cheap one, but a strong, well-made vise

No. 63 and 64	- - - -	\$3.75
" 65	- - - -	3.00
" 66	- - - -	4.25
" 67	- - - -	6.75
" 87	- - - -	4.00
" 88	- - - -	7.00
" 89	- - - -	8.00
" 90	- - - -	9.50
" 91	- - - -	10.50





THE NEW UNITED STATES SEPARATOR

With new self-balancing disc bowl, Speed Indicator Bell, low crank speed (42 turns of crank to the minute) seems to be the last word in separators.

Special Electric Motor Alternating Current

No. 30	Guar. Cap.	200 lbs.	\$70.00	
No. 29	"	300 "	80.00	
No. 28	"	350 "	95.00	\$50.00
No. 27	"	500 "	110.00	50.00
No. 25	"	750 "	125.00	55.00
No. 24	"	1,000 "	140.00	55.00
No. 22	"	1,350 "	210.00	55.00
Renfrew,	#6 Cap.	650 "	100.00	

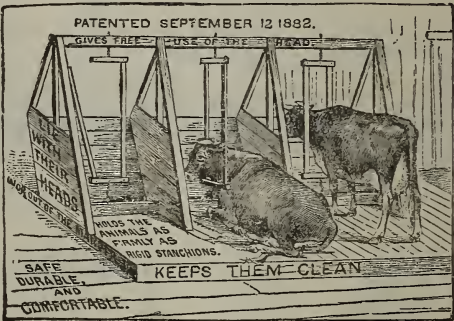
CHAIN HANGING CATTLE STANCHIONS

The best and easiest method for fast-ening cattle in the stable.

PRICE, Wood	- - - - -	\$2.35
" Steel Plain,	- - - - -	\$4.80
" Heavy Bull	- - - - -	\$4.75

Chain Cattle Ties.

Medium,	- - - - -	} Prices on application
Heavy,	- - - - -	
Very Heavy,	- - - - -	



DANA'S STOCK LABELS

An easy and practical way of marking Stock. Cattle labels may be marked with owner's name not exceeding 13 letters, and post office address, not exceeding 13 letters. Sheep label size has room for only 10 letters, Per doz. Per hun. Cattle labels lettered and numbered, .75 \$4.00 Sheep and hog labels lettered and num-bered, .40 2.00 PUNCHES.—Cattle label size, Each \$1.75 Sheep " " " 1.25



The New Sharples' Suction-Feed Tubular Separator

No.	Capacity	Price
1s	175 to 250 lbs.	\$80.00
2s	250 " 350 "	90.00
3s	350 " 450 "	110.00
4s	450 " 550 "	125.00
6s	650 " 750 "	150.00
9s	850 " 950 "	165.00

COOLEY CREAMERS With ELEVATOR ATTACHMENT

TOO WELL KNOWN

TO NEED

EXPLANATION HERE



WRITE FOR SPECIAL

CIRCULAR AND

SPECIAL PRICES

No. 00 2 cans, 4 to 6 cows 25 by 31 in., 2 ft. 7 in. high.

No. 1. Not manufactured.

No. 2. 4 cans, 9 to 12 cows, 31 by 37 in., " "

No. 3. 6 " 12 to 18 " 31 by 49 in., " "

No. 4. 8 " 18 to 24 " 31 by 63 in., " "

Prices on CABINET CREAMERS on application.

Galvanized Castings	
Weight	243 lbs., \$75.00
"	320 lbs., \$108.00
"	380 lbs., 137.50
"	480 lbs., 165.00

COOLEY
CREAMER CANS

PRICE,

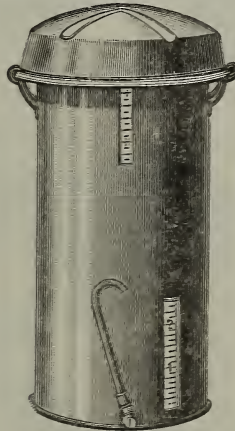
with cover and siphon faucet,
\$5.00 each.GERM X—A cleanser and dis-
infectant, especially good around
the dairy and stable.

1 gallon \$3.00

5 " 12.50

WOOL FAT — A wonderful
healer. ½ lb. can, 50c

1 lb. can, 1.00



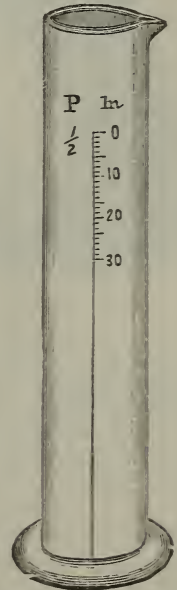
Cooley Can

REED CREAM CANS

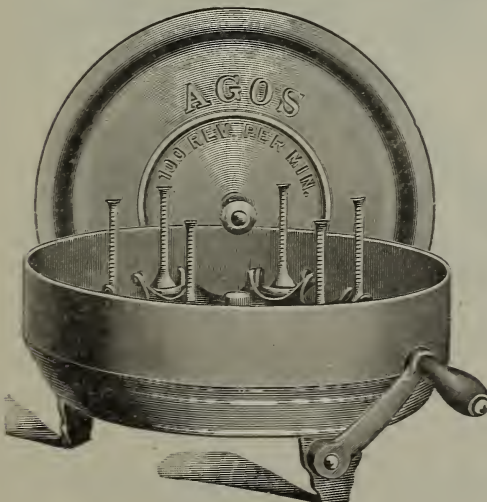
with cover and faucet,

20 qt.,	\$2.80
14 qt.,	\$2.50
20 qt., without faucet or glass,	\$2.00

CREAM PAILS

With ventilated top, 20 qt. \$2.50
" " " 24 qt. 3.00

Cream Gauge

For determining the
per cent of Cream in
Milk. 85c

Babcock Tester

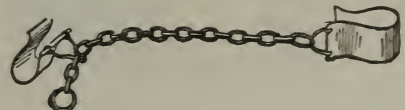
Agos Babcock Tester

THE LATEST AND BEST

Cast Iron Body and Cover,
Spur and Spiral Gearing,
Machine Cut Teeth

Made in 5 sizes:—

4 Bottle,	—	\$15.85
6 " "	—	16.40
8 " "	—	17.50
10 " "	—	18.60
12 " "	—	19.70

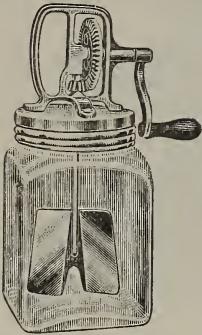
Pipette for tester, 40c
Acid Measure for tester, 30c
Cream Bottle for tester, 50c
Milk Bottle for Tester,
40c and \$1.25ANTI COW KICKER—Only device for breaking
heifers or vicious kickers. Price, \$1.35.

BLANCHARD CHURN

Probably the Best Crank Churn
in Use

	Prices
No. 3 Churns up to 2 gals.,.....	\$7.50
No. 4 " " 4 gals.,.....	9.00
No. 5 " " 8 gals.,.....	10.00
No. 6 " " 12 gals.,.....	12.50
No. 7 " " 16 gals.,.....	15.00

SEPARATORS.—See page 62.

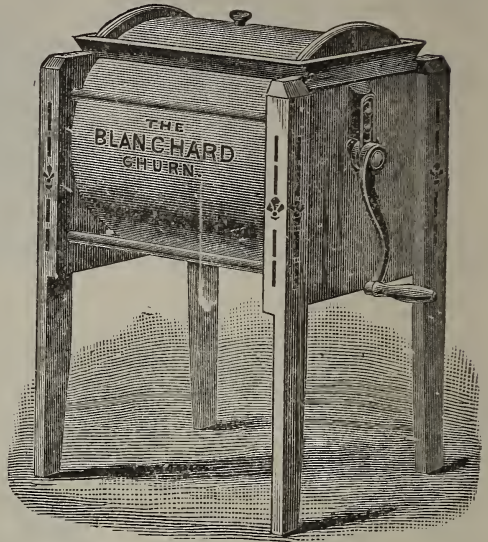


LIGHTNING
SANITARY
CHURN

Makes 2 lbs. butter with
one pound butter and one
pint milk.

Price:

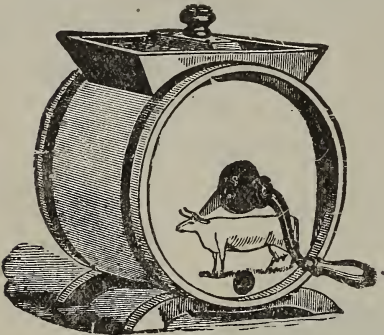
1 Qt.	\$1.75
2 "	2.25
3 "	2.75
4 "	3.25



CYLINDER CHURN

A Good Low Price Churn.

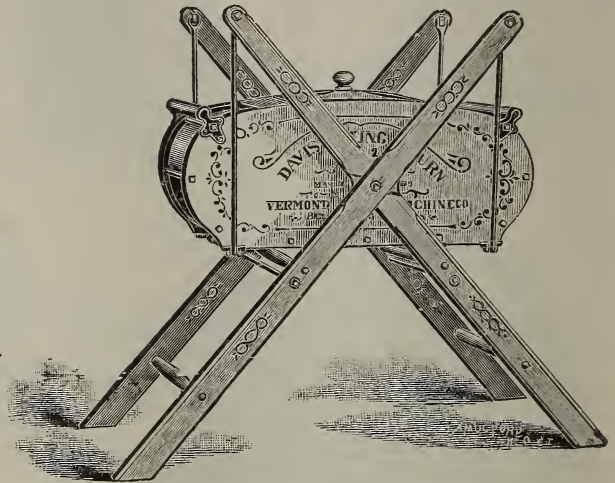
	Prices
No. 1	\$4.00
No. 2	4.50
No. 3	5.00



Cylinder Churn

DAVIS SWING CHURN

Easy to Operate.
Easy to Clean.
No Floats or Paddles.
One of the Best Churns Made.



Size.	Capacity.	Will Churn.	Price.
No. 1	8 gal.,	4 gal. or less,	13.80
No. 2	10 "	5 " " "	15.50
No. 3	16 "	8 " " "	17.80
No. 4	20 "	10 " " "	20.70
No. 5	26 "	13 " " "	24.65
No. 6	34 "	17 " " "	27.60
No. 7	60 "	30 " " "	48.20
No. 8	80 "	40 " " "	54.00
No. 9	100 "	50 " " "	60.95

There is less liability of getting churns too large than too small. Be sure and order churns large enough. There must be room in the churn to produce the concussion, and a small churn filled too full will require a longer time for churning.

THE SURPRISE CHURN

Easy to Operate. Easy to Clean.
No Floats nor Paddles.

The cover fastenings never give way and let the head out. Iron parts galvanized.

				Price
No. 1	Churns from 1 to 4 gals.			\$17.60
No. 2	" " 2 " 7 "			19.80
No. 3	" " 3 " 9 "			22.00
No. 4	" " 4 " 12 "			28.60
No. 5	" " 5 " 16 "			33.00
No. 6	" " 6 " 28 "			44.00
Extra for 12x3 pulley,				5.50
" " tight and loose pulleys 12x3,				9.75

Nos. 4 to 6 have 2 handles unless pulley is ordered, when only one handle is sent.
Cork, for barrel churn covers, per ft. 15c.

WYANDOTTE DETERGENT

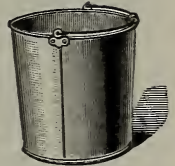
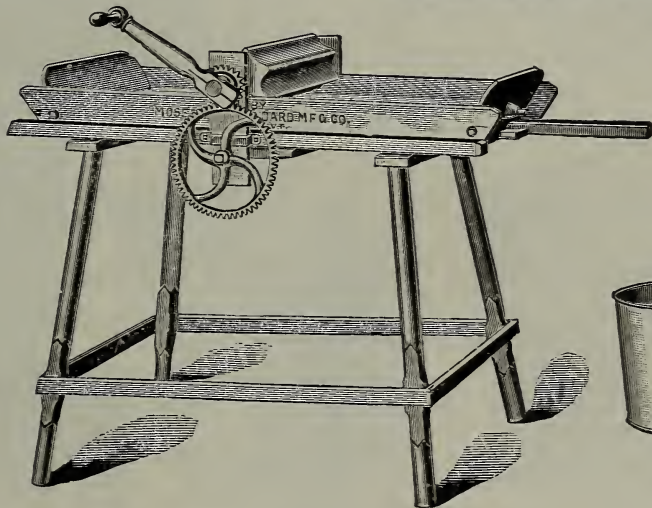
For Cleaning Marble Work,
Etc.



250 lb. Barrell, \$17.12
Keg, 75 lbs., 6.11

WATER'S BUTTER WORKER

Tray Removable,
Takes Place of
Butter Bowl.



Size of Tray	Length of Tray	Width of Tray	Capacity	No. of Cows	Price
0	27 in.	14 in.	1 to 15 lbs.	1 to 4	\$17.00
1	36 in.	15 in.	5 to 30 lbs.	4 to 8	18.00
2	36 in.	18 in.	5 to 40 lbs.	8 to 12	19.00
3	39 in.	20 in.	5 to 50 lbs.	12 to 18	19.50
4	48 in.	22 in.	10 to 75 lbs.	18 to 30	20.00

CALF FEEDERS

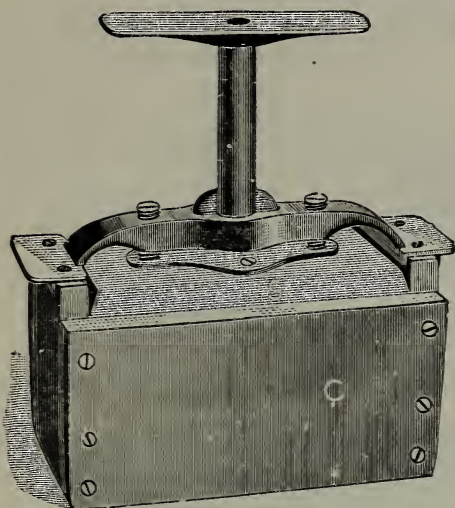
Common Sense
Calf Feeders Single \$5.00
Double 6.00
Common Sense
Calf Feeder Nipples 25c

"Wyandotte" Dairyman's Cleaner and Cleanser

A Splendid Washing Powder for all milk and dairy utensils.

280 lb. Barrell,	\$15.96
Barrel of 50—5 lb. sacks,	16.85
80 lb. Keg,	5.56
5 " Sack,	.50





No. 2 Butter Molds

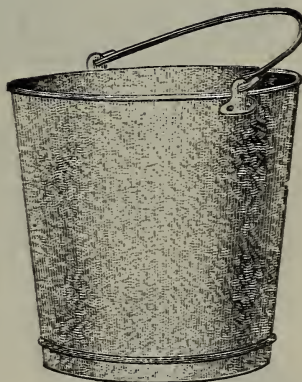
Central Strainer Pail—Detachable strainer, heavy,	\$2.75 & \$3.00
Heavy Tin Milk Pail—14 quarts.	1.50
" " " " 12 "	1.45
Common Strainer Pail,	1.75
Sterilac Milk Pail,—Sanitary, all parts cleanable,	4.75



MILK PAIL



STRAINER PAIL



Mule Pail \$1.00



MILKING TUBES

Plated, 25, 30 and 35c.
Teat Dilators each 40c, set of 4,
\$1.50.
Stricture Cutters, \$2.25.

CATTLE LEADERS, 40c.
OX BOW PINS, 30c Per Pair.
CATTLE CARDS, Common Size, 25c
large size 35c.
COW BELLS, No. 1, \$1.50; No. 2,
\$1.25; No. 3, \$1.00; No. 4, 75c.
SHEEP BELLS 35c and 50c.
WEANERS, Small Calves, 60c;
Medium Yearlings, 85c; Large
Cow, \$1.25.
OX MUZZLES, heavy, 60c Per
Pair.
BULL RINGS, Copper, Medium,
45c; Copper, Large, 50c; Can-
non Metal, very heavy, \$1.75.
PUNCH, \$3.00
RUBBER APRONS, Heavy, \$2.50
and \$4.00
RUBBER MOP OR SQUILGEE,
\$1.00 and \$1.20.
WOOD STABLE FORK (best),
\$1.00.



Butter Moulds

No. 2 Mould, Price
1 lb., \$4.00
2 lbs. \$5.00
Daisy Mould, 1 lb.,
\$2.00; ½ lb., \$2.00
Commonsense Mould,
1 lb., \$1.50
CARVING.—Any name,
monogram or design
carved on moulds to
order.

Butter Ladles,
Price 15c & 20c
Flat Butter Spades,
plain, Price 10c & 20c
Concave Butter Spades,
plain, Price 15c
Butter Spades, creased,
Price 10c and 15c
Milk Measures,—Tin,
accurate will seal, ½
pt. 35c, 1 pt. 50c, 1
qt. 60c, 2 qts. 75c, 4
qts. \$1.45
Milk Dippers, \$1.00
Measuring Rods for 20-
30 and 40 qt. cans,
\$1.75



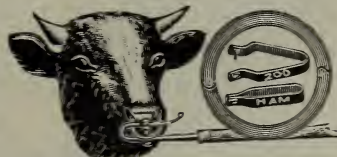
Milk Measure



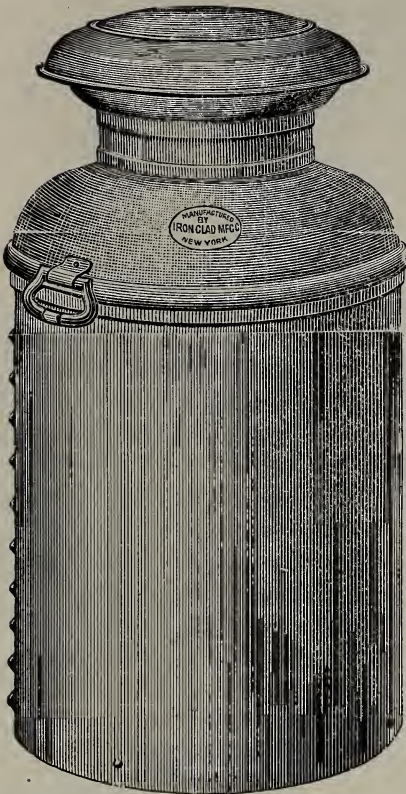
Galvanized Iron Pails

10 Quart,	70c
12 Quart,	80c
14 Quart, heavy,	90c

BULL STAFF



THE KING.....	\$7.00
SAFETY	4.00
SNAP & CHAIN, without staff	1.00



Railroad Milk Can New York Pattern

RAILROAD MILK CANS

NEW YORK PATTERN

20 Quart	.....	\$9.50
30 " "	.....	10.00
40 " "	.....	10.50

Special price to milk dealers using quantities.
SPECIAL ATTENTION is given to supplying Combination
Shipping Cans for milk, butter, eggs, cream.

RAILROAD MILK CANS

SPECIAL DELIVERY PATTERN WITH CHAINS

12 Quart plain	} Prices on Applications.
16 " "	.....
20 " "	.....

PADLOCK EXTRA

Extra for Cream Compartment.....
" " Marking each plate.....

MILK PANS—Heavy Tin



	Each		Each
6 Quart,	.45	10 Quart	.65
8 " "	.55	12 " "	.75

Boston Milk Can, City Delivery Pattern

Quarts.....	1	2	3	4	6	8	10
Price Heavy Tin	.95	1.15	1.45	1.60	2.00	2.25	2.75
" 1X "	40c	60c	80c	95c			

SPECIAL MILK STRAINER

An excellent strainer, in fact the best and easiest to keep clean
that we have found. Price, Medium size, \$1.75; Large size, 2.25
COMMON STRAINER.....50c



Boston Pattern

WOOD BUTTER BOWLS

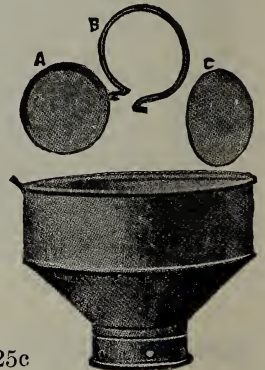
Best Quality, 13 inch	Price	\$.75
" " 15 inch	"	1.25
" " 17 inch	"	1.75
" " 19 inch	1.25 and 2.00	

OX BUTTON, Octagon. (See cut), 25c
per pair.

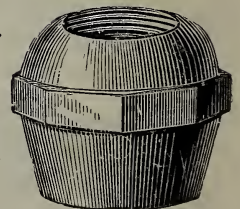
OX BUTTON, Tall Pattern, 65c per pair.

WEATHER VANES

Special Illustrated Sheet of Designs and
Prices sent on application.



Special Strainer



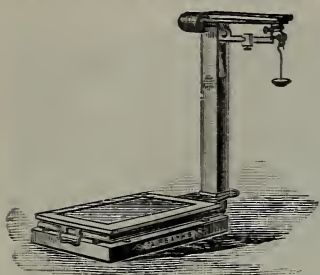
BLATCHFORD'S CALF MEAL

25 lb. bag.....	\$2.00
50 lb. bag.....	3.75
100 lb. bag.....	7.00

CALF CORDIAL, Pkg. 75c.



PLATFORM SCALE



A very accurate scale, especially good for farmers' use.
Capacity 600 lbs., \$33.00



FAMILY OR DAIRY SCALES

Capacity, $\frac{1}{2}$ oz. to 240 lbs., positively accurate, with platform and brass scoop, Price \$16.00
Ice Scales, Chatillons, weighs from 5 lbs. to 200 lbs., Price 3.00



PEDDLERS' SCALE

Peddler Scales, 30 lbs. by ounces, with $\frac{1}{2}$ bushel scoop, \$14.75
Peddler Scales, 60 lbs. by ounces, with one bushel scoop, 16.50
Spring Balance Scale, weighs up to 50 lbs., Price \$1.25
Butcher's 20 lb. Dial Scale, with Pan, 3.00

SCALES

If you contemplate putting in what is termed Hay Scales, we would be pleased to give you an estimate.

Parchment Butter Paper

PURELY VEGETABLE

Stock Sizes—7 x 9, 8 x 11, 9 x 12,—other sizes to order. Printed to comply with law.
Per box of 1000 sheets, 7 x 9, - - \$2.75
" " " 8 x 11, - - 2.75
" " " 9 x 12, - - 2.75
Per lb., plain - - - .45
" printed - - - .55

CommonSense MILK BOTTLES

Quarts, \$1.20 doz; Pints, \$1.08 doz; Half-Pints, 96c doz. CAPS for same, 50c per lb. Per box of 5M, \$2.95. FLIPPER, per box of 5M, \$3.25.

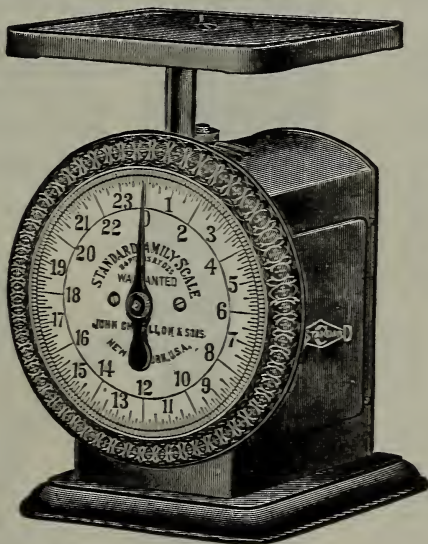
Special Prices on Case lots or over

The use of these Bottles insures the neat delivery of milk and cream.



DIAL SCALE

Weights up to 25 lbs., enameled top (SEE CUT BELOW).....\$2.25
Special Milk Scale weighs 30 lbs. by ounces,6.25
Special Milk Scale weighs 60 lbs. by 2 ounces,6.75
Special Milk Scale weighs 60 lbs. by tenths,7.00



Wire Carrying Baskets

For delivering milk in bottles, 4 bottle size, \$1.50, 6 bottle size, 1.75, 8 bottle size, \$2.25.

DAIRY FLOATING THERMOMETER.....\$2.00



International Stock Food

This food we find gives excellent satisfaction.

Price per small package.....	\$.30
medium " .....	.60
" large "	1.20
" pail (25 lbs.)	4.00

International Heave Cure

International Hog Worm Powder, pkg.,

COW'S RELIEF.—Cures caked bag caused by garget, injury, overfeeding, etc., per pkg., 75c and \$1.50.

BAG BALM—For same purpose as Cow's Relief

WHITE ROCK HOOF PACKING.—An excellent article.

Small size

Medium

Large

KOWKURE.—A medicine for cows only.

Prices, small can, 70c; large can, \$1.40.

GRANGE GARGET CURE.—For the cure of milk fever and garget. Price 70c

PRATT'S ANIMAL REGULATOR.—Very reliable, per pkg. . . . 60c and \$1.00

SILVER PINE HEALING OIL.—Per bottle

REFINED PINE TAR.—Per can 25c, 35c and 40c.

COAL TAR.—Pt. can 25c, qt. 35c, gal., 75c

Whiffletrees, Eveners, Neck Yokes

These we have made for us out of firstclass timber, and the trimmings are of forged steel.

NECK YOKES.—Short, each.....\$2.50

" Long "

EVENERS......3.00 and 3.50

WHIFFLETREES. each.....2.50

EVENERS.—Factory made.....2.00

WHIFFLETREES "

NECK YOKE Factory made.....2.00

CLEVIS—Steel, hand made, each.....75c

" Malleable, each.....40c

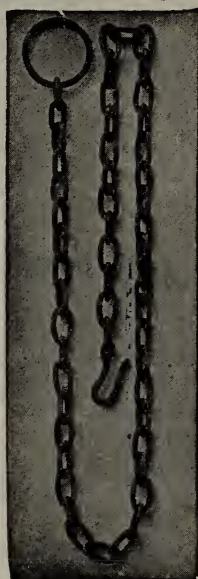
CHAINS

STAKE.—Heavy, short link, per pair,..... \$2.00

SHORT TRACE.—Medium, per pr. 1.25

SHORT TRACE.—Very heavy, per pr..... 1.50

LONG TRACE, per pr.2.00



LOG OR STONE CHAIN.
Prices on Application

$\frac{3}{8}$ in. x 12 ft., 1 grab hook,
1 common hook,
7-16 in. x 12 ft., 1 grab
hook, 1 common hook,
7-16 in. x 14 ft., 1 grab
hook, 1 common hook
 $\frac{1}{2}$ in. x 14 ft., 1 grab
hook, 1 common hook

LOG CHAIN.—

$\frac{3}{8}$ in. x 12 ft., hook and
ring,
7-16 in. x 12 ft., hook and
ring,
7-16 in. x 14 ft., hook and
ring,
 $\frac{1}{2}$ in. x 14 ft., hook and
ring,
Ruggle Chain,

\$5.50 and 7.00

STONE BOAT OR DRAG.

Prices from \$10.00 to 12.50

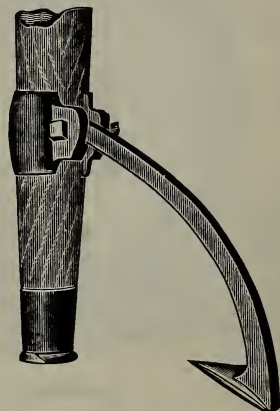
STEEL CROW BARS.—

Per lb., .15

STONE BOAT FRONT.—

Steel used with straight
plank,
34 in. with bolts, 6.90

CANT. OR LOG HOOKS



Vermont Pattern, light..... 3.75

" " heavy

Maine "



SPLITTING WEDGES.—

Round head, per lb.18

SPLITTING WEDGES.—

Sq. head, per lb.17

WOODCHOPPERS' MAUL.—

Steel, per lb.30

SLEDGES.—Steel, per lb.25

STONE HAMMER "

HAND "

" **DRILLS** "

WEDGES AND SHIMS.—Per lb.35

PAINT



paint and satisfaction. A paint for every need. Get our colors cards.

LOWE BROTHERS' VARNISHES—Excellent goods in six kinds.

VERNICOL—A splendid varnish stain, makes a beautiful finish.

LINSEED OIL—In any quantity desired.

TURPENTINE—In any quantity desired.

VALSPAR—An especially fine varnish, hot water does not turn it white. In convenient size cans.

PAINT BRUSHES
Fine line of paint and Varnish Brushes

Best Linseed Oil
Best Turpentine
Highest Grade
White Lead



"LOWE BROTHERS' 'High Standard' PAINTS.'" These Paints are BEAUTIFUL GOODS. They have COVERING POWER, SPREADING CAPACITY, DURABILITY and are SPLENDID COLORS and FULL MEASURE. Watch for the LITTLE BLUE FLAG on the can, it insures good

"Elastic General Purpose," "Quick Action House," "Interior House," "Durable Floor," "Spar Varnish," and "Crystal Finish" all packages carry the little blue flag denoting quality.

LOWE BROTHERS' "MEL-

LOTONE," Flat Colors for Interior Decoration on Woodwork and Walls, Rich, Mellow, Beautiful, Permanent, Washable.



This Little Blue Flag on every can

PUTTY

WHITE LEAD PUTTY

1 lb. Can subject to change, 20c
5 " " " " " 90c
12½ lb. " " " " \$1.85

LINSEED OIL PUTTY

1 lb. Can subject to change, 15c
5 " " " " " 75c
12½ " " " " " \$1.50
25 " " " " " 3.00

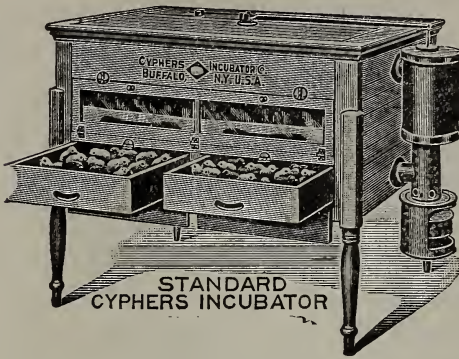
Chi-namel

ASK FOR COLOR CARD

CHI-NAMEL. For Staining and Varnishing in one operation, also Graining.
AN EXCELLENT ARTICLE.



GENUINE CYPHERS INCUBATORS



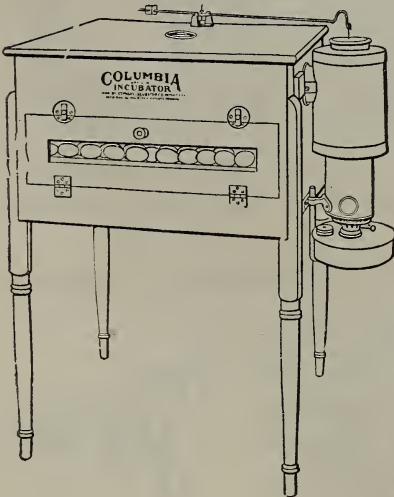
Practical poultry raisers who desire the greatest possible success should look for and DEMAND the qualities that have made Cyphers Incubators

WORLD-FAMOUS.

SELF-VENTILATING
SELF-REGULATING
NON-MOISTURE
EFFICIENT, DURABLE and
POSITIVELY GUARANTEED.

PRICES OF CYPHERS INCUBATORS

No. 0	-	-	\$42.00	No. 2 Holds 244 Hen Eggs	\$68.00
No. 1	Holds 144 Hens Eggs	51.00		No. 3 Holds 390 Hens Eggs	85.00



THE COLUMBIA INCUBATORS

A splendid hatcher, very much liked. These Incubators have not advanced in price in proportion to many others.

We have a limited supply on hand.

Small size, 140 Egg capacity \$20.00

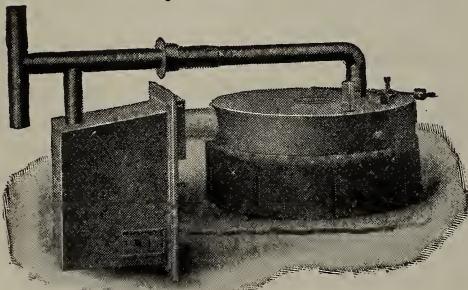
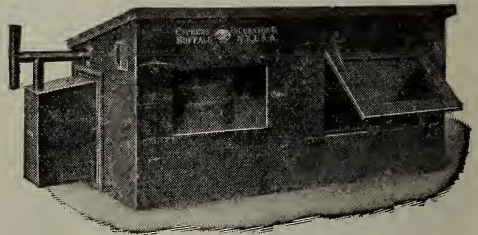
Large " 250 " " 28.50

STANDARD CYPHERS BROODERS and Colony Roosting Coops

Are self-regulating, self-ventilating, Fire-Proofed and Insurable. Easily converted into colony roosting coops by simply removing the hover.

Prices:

Style B Brooder, Capacity - - - - 100 chicks, \$45.00



ADAPTABLE HOVER

Mothers the chick
better than a hen

Self-Regulating, Self-Ventilating, complete with Regulator and Thermometer, \$21.50.

CYPHERS ELECTRIC BROODER

Price, \$12.00



For description see page 75

Parcel Post Egg Box

PARCEL POST EGG BOX.

—Capacity 1 doz., 15c each, \$1.75

doz. Capacity 5 doz., 45c each.

PARCEL POST EGG BOX.

—(for settings)—Capacity 15 eggs 25c each.

PARCEL POST DAY OLD

CHICK BOXES—25 chick size,

45c, 50 chick, 65c; 100 chick, 90c;

EGG CARTONS.—(Capacity

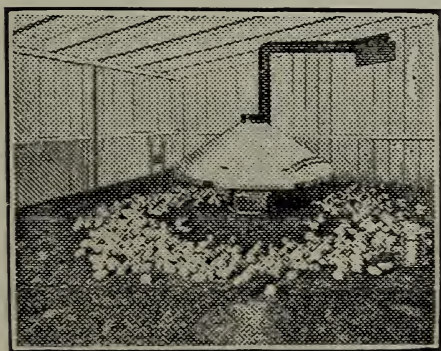
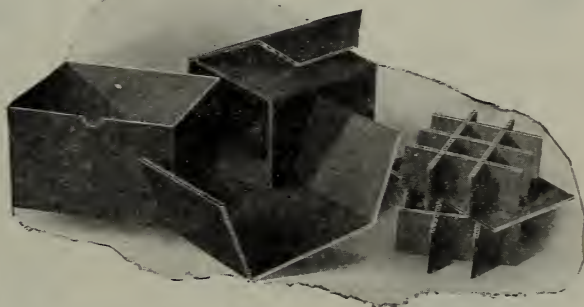
1 doz.)—doz. 20c, per 100, \$1.50.

WATER GLASS.—For pre-

serving eggs, one gallon pre-

serves 50 dozen eggs. Per qt.,

35c; per gallon, 80c



OLD GRIST MILL DOG BREAD



Newtown Giant Coal-Burning Colony Brooder

Automatic coal feed, simple, safe, economical.

	Capacity	Fuel Capacity	Size of Pipe	Price
No. 6, 200 to 300 Chicks	30 lbs.	3 in.	\$22.50	
" 7, " "	39 "	3 "	27.50	
" 11, 500 "	48 "	4 "	35.00	
" 12, 1000 "	60 "	5 "	42.50	

11 b. Puppy \$.15

3 lb. Dog..... .35

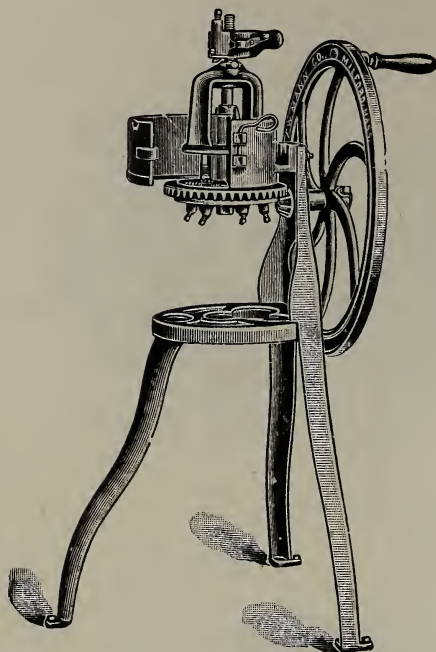
50 lb. Bag Dog..... 6.00

DOG BREAD—SPRATT'S

Puppy,	15c
Dog,	40c

MILK BONE—Maltoid

Puppy,	small, 15c	large, 35c
Dog,	" 15c	" 35c



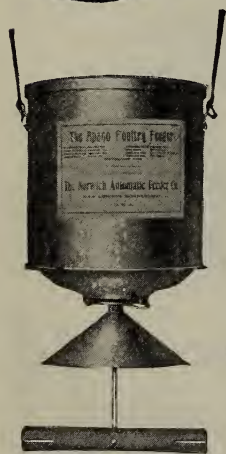
Mann's Bone Cutter

Poultry Root Cutter

#7, PRICE \$6.00

Nest Eggs.

China, per dozen, - - - - 30c

Adjustable, Climax or
Eclipse Leg Bands
Per dozen, 15c,
Per 100, 75cSpirol Leg Band, per
dozen, 15c, per 100, 75cPoultry Punches,
25c and 50cThe APACO FEEDER
and Exerciser, \$1.75The Norwich Feeder
and Exerciser, with
adjustable standards,No. 1, \$5.00; No. 2, 5.50,
No. 3, 6.50; No. 4, 7.50.PEERLESS FEED
HOPPER

suspends from ceiling

8 Qts., - - - \$2.00

16 " - - - 3.00

THE MANN BONE CUTTER

For Grinding Green or Dry Bone, An
Excellent Machine Our Price.

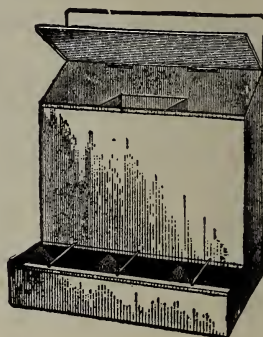
No. 5-C. With crank,	\$12.00
No. 5-B. " balance wheel,	16.00
No. 5-B-M. " " and stand,	20.00
No. 7-B. " " " "	24.00
No. 7½. Semi-Power,	32.00
No. 9. With bal. wheel and stand,	36.00
No. 11. Power Machine,	50.00



Howard's Roup Remedy

A medicine of merit,
Per Box - - - - 60c
Pratts Roup Cure, 30c, 60c
Dr. Hess Roup Cure, 30c

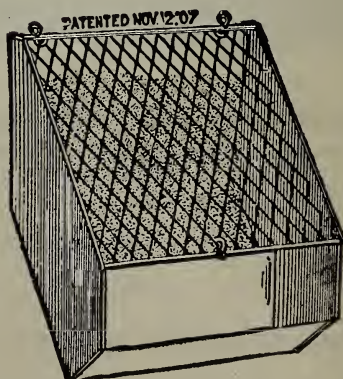
Conkey's Roup Cure

Per box, - - - 30c and 60c
Conkey's Cholera Cure 60c
Conkey's Gape Cure, 60cWIRE HENS'
NESTS. Each
30c. Per doz., \$3.00.
The 1-2-3 DRY
FOOD HOPPER
for Feed \$1.75The 1-2-3 Feed Hopper for Shells,
Grit, etc., 90c.

Price 45c

Egg Testers

Each, - - - - - 40c

Sexton Feed Hopper, - - - - \$2.50
OAT SPROUTER.—6 Trays and Rack,
\$6.00.

GLOBE POULTRY FEEDS

No Grit. No Waste.

Globe Chick Feed.—A mixture of small grains and seeds which make a complete balance ration for young chicks. Contains no grit. Prices variable according to grain market.



Globe Scratch Feed.—

Composed of specially cleaned sweet grains, whole and cracked, also sunflower seed, oil cake and charcoal. No grit. No waste. Prices variable according to market.

Queen Poultry Mash.—A

select mixture of ground feeds from sweet, wholesome grain, it is a growing and health food, a molting food and an egg producer. Price variable according to market.



Globe Developing Feed.—

No Grit.—For promoting the growth of chickens, following the period of Globe Chick feeding. Prices according to market.

MILK-MASH—(Blachford's) for young chicks and growing chicks, per 100 lb. bag, \$6.50; per lb., 8c.

GROUND CHARCOAL

100 lb. bag.....\$4.50
50 " bag.....2.50
Per lb......08

POULTRY GRIT

No. 1—Coarse for Poultry,	}	Price per
No. 2—Medium,		100 lb. bag,
No. 3—Fine, for Chicks,		85c.
HEALTH GRIT—per 100 lbs.		\$3.00
" " " " " "		lb......05

CLOVER—Shredded Alfalfa, 50 lb. Bag, \$2.50; 100 lb. Bag, \$4.50.



STERLINGWORTH DIARRHOEA REMEDY

Cures and prevents diarrhoea including white diarrhoea. A powder for use in drink. Price 30c and 60c.

International Poultry Food

This food is giving exceptionally good satisfaction. Price per package, 30c, 60c, and \$1.20.

Pratt's Poultry Food

26 oz. Package	- - - - -	.30
5 lb. Package,	- - - - -	.60
12 lb. Pail,	- - - - -	2.00

Pratt's Baby Chick Feed

Excellent for little chicks. Per package 30c, 60c and \$1.25. 100 lb. Bag \$8.00.

Pastura Poultry Regulator, 75c, 1.50, 4.50

Dr. Hess Poultry Pan-a-ce-a

1½ lb. pkg. 30c.

5 lb. pkg. 75c.

Sea Shells

Per 100 lb. bag \$1; per peck, .40; per qt., .07

Ground Beef Scraps

100 lb. bag.....	\$5.50
25 lb. bag.....	1.50

Ground Oyster Shells

Per 100 lbs.,.....	\$1.50
" " lb.....	.02

Bone Meal

For cattle or poultry, per 100 lbs.,...	\$6.50
Per 25 lbs.,.....	2.00

Cracked Bone

100 lb. bag.....	\$6.50
25 lb. bag.....	2.00



DEATH TO LICE POWDER

This has given excellent satisfaction, doing perfectly the work intended.

Small Package	\$.30
Medium " .....	.60
Large "	1.10

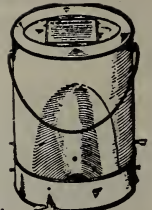
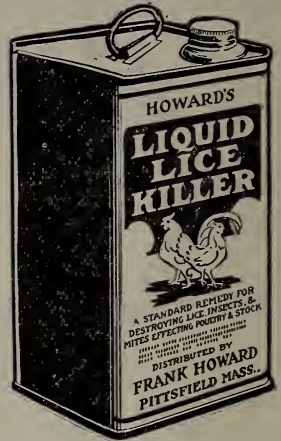
LIQUID LICE KILLER

This is a liquid insecticide for destroying lice on poultry, stock, etc., and is an excellent article, very easy to use, and does its work thoroughly. It is also a disinfectant.

Price 1 Quart Can	\$.60
" 2 " " .....	.90
" 4 " "	1.35

DR. HESS LICE KILLER
pkg. 30c and 60c

Sulphur Fumigating Candles, Each 20c.



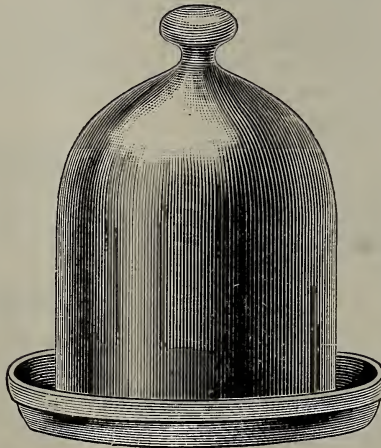
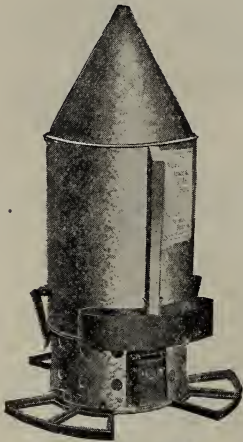
Peerless Fountain

PEERLESS POULTRY FOUNTAIN—Large size, \$1.50; Med. size, \$1.00; Chick size, 45c.

Norwich Airlock Fountain

Complete with Burner and Base	\$7.00
Without " "	3.50

STONE WARE POULTRY FOUNTAIN,—35 and 50c.



SNOW SHOVELS

All Steel	\$1.00
Galvanized Iron	1.50
Galvanized Boys' .....	.45c
Sidewalk Chisels (Socket Forged)	75c and 1.00
Incubator Hygrometer	2.25
Caponizing Sets	2.50 to 5.00
Poultry Killing Knife	75c and 1.00

Incubator Lamps

Plain, No. 0, complete with burner, - - - - -	\$2.00
Plain, No. 1, \$2.40; Nos. 2 and 3, complete with burner, - - -	2.75

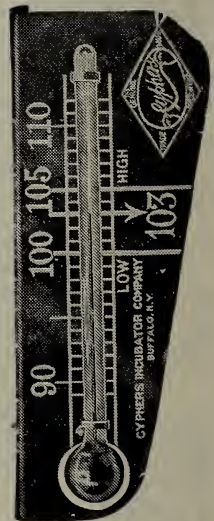
Incubator Burners

No. 0, 75c; No. 1, 90c; Nos. 2 and 3, 1.10. Rings, Extra, 10c.

Cyphers Brooder Thermometer for A Brooder, 90c

Standard Incubator Thermometer

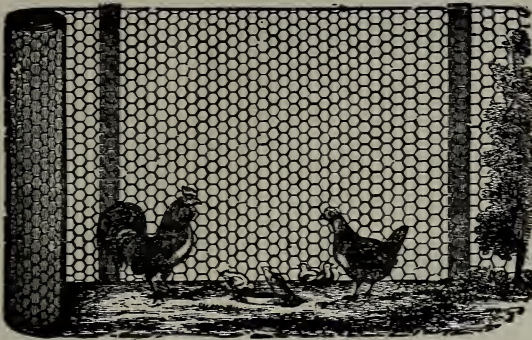
Price 90c



GALVANIZED POULTRY NETTING

WE HANDLE THE BEST MAKE OF NETTING

STOCK WIDTHS—2 inch Mesh.



	Full Rolls of 150 Lineal Feet	Less Than Full Rolls per Sq. Ft.
12 inch.....	\$1.85	1 3-4c
18 ".....	2.75	"
24 ".....	3.40	"
36 ".....	4.75	"
48 ".....	7.20	"
60 ".....	9.00	"
72 ".....	10.75	"

	Full Rolls of 150 Lineal Feet	Less Than Full Rolls per Sq. Ft.
12 inch.....	\$1.85	1 3-4c
18 ".....	2.75	"
24 ".....	3.40	"
36 ".....	4.75	"
48 ".....	7.20	"
60 ".....	9.00	"
72 ".....	10.75	"

STOCK WIDTHS—1 inch mesh.

	Full Rolls of 150 Lineal Feet	Less Than Full Rolls per Sq. Ft.
12 inch.....	\$4.25	3 1-2c
18 ".....	6.25	"
24 ".....	7.75	"
30 ".....	9.35	"
36 ".....	10.75	"
48 ".....	14.25	"
60 ".....	17.85	"

POULTRY NETTING STAPLES.—Per lb. package, - - - - - 15c

AMERICAN FIELD FENCING

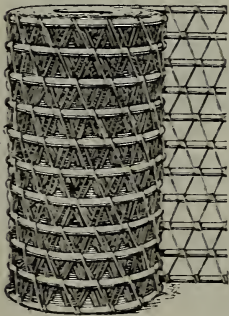
The best fencing made for stock of any kind. It is strong, neat and safe; will stop anything from a pig to a buffalo.

Made in widths from 22½ inches to 58 inches. Stock numbers are 845-12, 635-12, and 832-6.

Stock numbers on Poultry and Garden fence are 2158-6.

AMERICAN PARK and PADDOCK FENCE

Made in six designs, the highest 88 inches, the lowest 61 inches. Prices on Application.



DIAMOND LAWN FENCE

This is especially designed for Lawns and Yards. Is 2 in. mesh, making it hard to climb, is very strong and neat, can be used with our steel posts or on wood posts; made in various heights. Prices on application.

Send for our Special Fence Book, which will tell you all about the American fences and the Yankee Gates.

See inside back cover for other Lawn Fence.

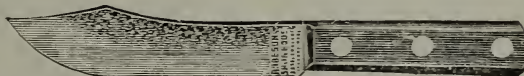
FARMERS' FAVORITE FEED COOKER

For Butchers, Sugarmakers, Poultrymen and Dairymen. The Boiler is made of Galvanized Steel. The price is for cooker complete, consisting of stove or fire box, galvanized boiler with cover, one length 6 in. pipe and damper and 6 in. elbow.

No. 1—Capacity 25 gallons,	- - - -	\$19.00
No. 4— " 50 "	- - - -	25.50

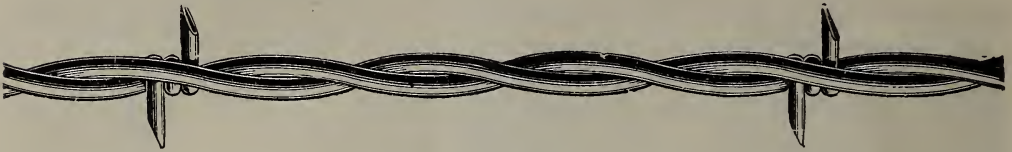


Farmers' Favorite Cooker



BUTCHER	Inches—5, 5½, 6, 7, 8, 9, 10, 12, 14,
KNIVES	Prices—35c, 45c, 50c, 60c, 65c, 75c, \$1.00, \$1.25, \$1.50, \$1.75 and \$2.00.
STICKING KNIVES	Warranted, 5 in. 50c; 6 in., 65c.

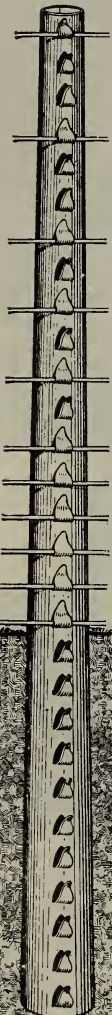
HOG SCRAPERS—Each	15	HOG RINGS—Per 100	20
" Catchers, each	75	" Ringers	35



The above is cut of 2 point Barb-Wire. This is the style barb-wire now in general use. Comes on reels of 80 Rods each.



PLAIN 2-PLY FENCE WIRE—This is safer than the Barb-wire for horse pasture. If the end posts are firmly set so that they do not give it will never sag. We are always in a position to name you Low Prices on first class steel fence wire.



AMERICAN FENCE POSTS

Made of steel, galvanized, almost indestructible
Prices on Application.

Gage and Design	Length in Feet	Approximate Weight in lbs.	List
No. 14 1/2 Line Post	6 1/2	9.1	.83
No. " Line Post	7	9.8	.91
No. " Line Post	7 1/2	10.5	.97
No. " Line Post	8	11.2	1.08
No. 10 End Post, Ideal	7	51.8	4.90
No. 10 End Post	8	59.3	5.55
No. 10 Corner Post " .	7	72.9	7.30
No. 10 Corner Post " .	8	83.4	7.85
No. 10 Hitching Post .	6 1/2	28	



Square
Tamper
each \$2.00



Round
Tamper
each \$2.25

ANCHOR POST IRON WORKS

Prices on Anchor Posts and Fence either for material only or for Fence Erected on application.

GIBBS Post Hole Digger.
The Best General Purpose Digger Made. Price \$2.50. Wire Fence Staples per lb., 12c.

CAST IRON MAULS.—
Weight from 12 lbs. to 20 lbs., each \$2.00

CAPS FOR DRIVING POSTS, 50c
American Fence Stretcher, \$7.00

TOWNSEND WIRE STRETCHER, \$2.75

ROPE AND PULLEY STRETCHERS, \$2.50

LINEMAN'S PLIERS, \$1.50, \$2.50 and \$3.00

POST HOLE SPOONS, \$3.75

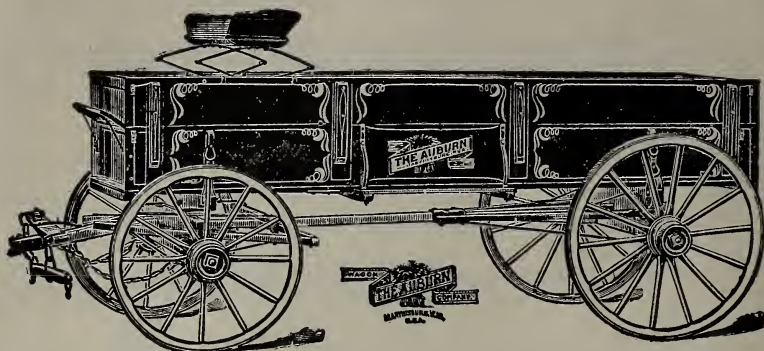
POST AUGER, \$3.75

WIRE CUTTING PLIERS, \$1.00 and \$1.50

FENCE CUTTING PLIERS, \$1.75



AUBURN FARM WAGONS

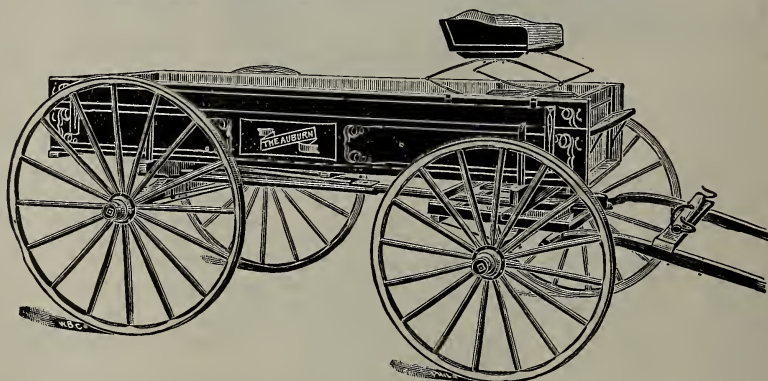


The Lightest Running and Strongest Farm Wagons on Wheels
THOROUGHLY MADE THROUGHOUT, WELL FINISHED, FULLY GUARANTEED
BROAD TIRES.

Designation.	Style.	Size of Axle.	Kind of Wheels	Size of Tire.	Price Gear Only.	Price Complete With Box, Top Box and Seat.
Standard	Solid Axle,	1 3/4 in.	Sarven	3 x 1 1/2 in	\$186.00	\$234.00
Heavy	" "	2 "	" "	" " "	216.00	264.00
Medium	Hollow Axle,	2 1/8 "	" "	" " "	162.00	210.00
Standard	" "	2 3/8 "	" "	" " "	192.00	222.00
Double Box, Complete with Spring Seat, \$54.00.						

Farmers' Farm Truck, gear only. Thimble Skeins, 3 inch Tire, Wheels, 36 in. and 40 in., capacity 3000 lbs., \$126.00

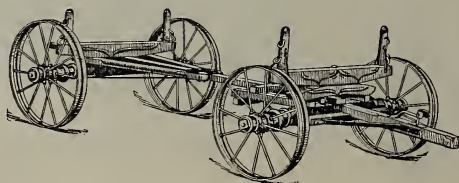
AUBURN ONE HORSE WAGONS



Gear Only.
 1 1/4 in. Solid Steel Axles, Sarven Wheels, 2 in. tire, \$87.50, complete with 9 ft. box, 110.50
 1 3/8 in. " " " " " 2 " " 107.00, " " 9 ft. " 130.00
 Double Box, Complete with Spring Seat, \$33.00.

STEEL WHEEL FARM TRUCK

A Low Down handy wagon for farm use. Wheels 28 in. and 32 in., Tires 4 in Price without box, \$90.00



WRIGHT'S ANIMAL TETHER Price \$3.75



Stewart Power Horse Clippers, \$14.00

Sheep Shearing Attachment, \$13.00
 Bottom Plate for Power Clipper, 1.75
 Top " " " 1.25
 Clipper Head Complete \$4.00

Tie Out Chains, 20 ft., \$1.00
 " " " 30 " 1.75

We grind plates for power machine
 \$1.00 per set.

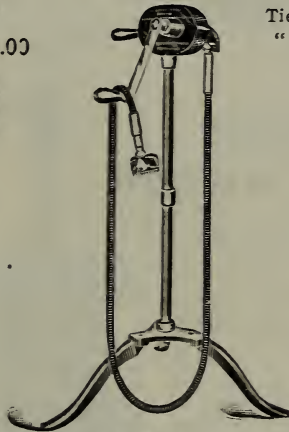
Horse Blankets



We purchase our STREET and STABLE BLANKETS, Automobile Shawls and Robes from two very large blanket mills. We show a nice assortment and our prices are right.

HORSE CLIPPERS

From.....\$3.00 to \$4.50
 BODY OR BRISTLE HORSE
 BRUSHES, \$1.25 to \$5.00.



HARNESS

We carry Farm and Team Harness, Express and Light Harness, at attractive prices.

CURRY COMBS

8-Bar Common Steel.....25c
 6-Bar, Best Steel.....35c
 8-Bar, Best Steel.....40c

HARNESS PUNCHES (revolving)
 \$1.25 and \$1.50.

HARNESS SNAPS

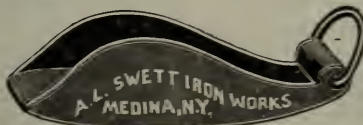
7-8 in. 6c, 1 in. 7c, 1 1-4 in. 8c, 1 1-2 in.
 8c, 1 3-4 in. 9c, 2 in. 12c.

DANDY OR MANE BRUSHES

Rice Root,.....50c, 75c, 85c \$1.00

MANE COMBS.....50c

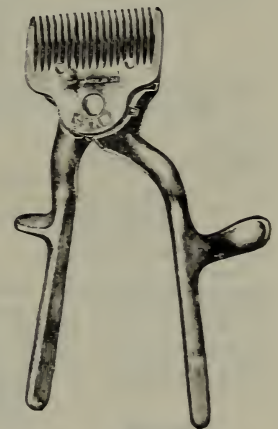
BLANKET PINS.....5c



WAGON SHOES \$2.75 Each.

SPONGES 25c, 50c, \$1.00, \$1.50, \$2.50.

CHAMOIS fine large, \$2.00 and \$2.25.



(Toilet Clippers)

TOILET CLIPPERS

From.....\$1.60 to \$6.00
 Fetlock Clippers, \$1.60 to \$2.25

HALTERS

HALTERS (Horse)
 Leather, \$1.75, 2.00
 and \$2.25

HALTERS (Calf)
 \$1.25. HALTERS
 (Cow) \$1.75.

WHITE SAND, per
 quart 5c. per bag \$1.
 Fetlock Shears, 2.25



FEED BAGS.....\$1.00 to \$1.50

SLOW FEED.....\$1.50

HITCH RINGS, 25c and 30c

HITCH WEIGHTS, 20 lbs., \$3.



LEVER FEED CUTTER

No. 1, Straight Knife	\$6.50
No. 2, Curved Knife	7.00
No. 2½, " "	8.00



CORNER MANGERS

Heavy (flanged top)....\$3.50
Slow Feed, \$3.50

CORNER HAY RACK, \$3.50
HOG TROUGH,—Cast Iron 4 ft. long, \$8.50



WAGON JACKS

BOSTON.—No. 1, (leather protection)	\$4.40
No. 2, " "	5.25
No. 3, " "	6.00

LITTLE GIANT

No. 0.....	\$2.50	No. 2.....	\$3.50
No. 1.....	3.00	No. 3.....	4.00

ROPE TIES.—Jute, 1 Snap... ..30
" " " 1 Snap and Ring50
" " " 2 Snap and Ring75

RIVETING MACHINE

Price each	85c and \$1.75
" Rivets for Acme machine, per box	25

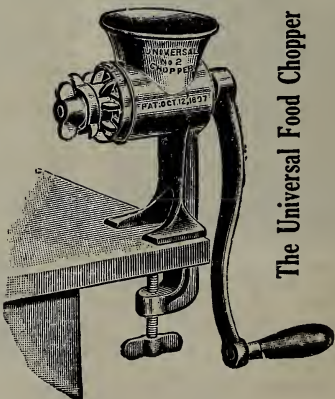
BROOM—Rattan Push,	1.10
" " Extra	1.20
" Steel Push.....	\$1.00
" Plain (Corn) or extra heavy.....	1.35
" Rattan Mixed	1.50
BELLS—Team, Medium.....	35c and 50c
heavy.....	85c, \$1.00 and \$1.25
Nice assortment Chime Bells for light Driving.	
COPPER RIVETS.—½, ¾ and 1 in. per pkt. 35c	
" " Slotted assortment.....	15c
OAT SIEVES.....	\$1.50
AXLE WASHERS.....	Per coil, 15c

AXLE OIL.—Pints, 50c; Quarts, 75c	
NEAT'S FOOT OIL.—Pints, 50c; Quarts, 80c;	
½ Gallon, \$1.50. 1 Gallon, \$2.25.	
HARNESS DRESSING,—(Frank Miller's), Pints,	
50c; Quarts, 75c; 1 Gallon, \$2.75.	
HARNESS OIL.—Frank Miller's. Pints, 50c;	
quarts, 85c.	
HARNESS SOAP—Frank Miller's pan 50c and 75c	
HARNESS SOAP—Tub, \$2.00	
MOWING MACHINE OIL.—Bulk, per Gallon, 75c	
In Quart Cans, 45c; in Gallon Cans, \$1.00	
SEPARATOR OIL.—"Howard's Best," per Gallon,	
\$1.15; per quart, 45c	
GAS ENGINE OIL.—Gallon can, \$1.00.	



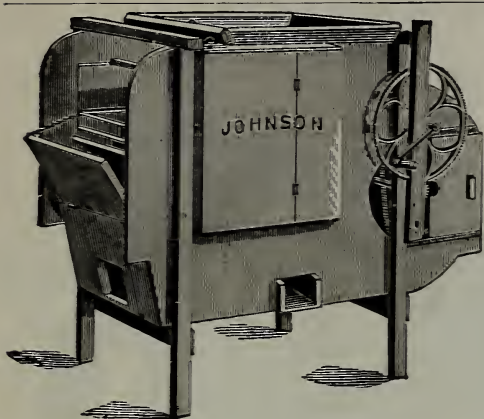
LANTERNS—(Dietz) Lift wire	
No. 0, \$1.00; No. 2, \$1.50.	
LANTERNS—Wizard —	\$1.85
EUREKA DRIVING LAMP,	2.50
LANTERNS—Dietz Jr. Driv-	
ing	2.25
LANTERN GLOBES—No. 0.	
15c; No. 1, 20c; red, 60c.	
LANTERN BURNERS,	
15c and 20c	
LANTERN HOLDERS.....	25c

WHIPS—Nice assortment of Team and straight	
Whips and Lashes.	
PAILS, Fibre, stable.....	1.50
" " house.....	1.00
AXLE GREASE.—"4 Brothers," per 1 lb. box, 25c;	
per 3lb. box, 70c; 25 lbs., \$5.00.	
Snow Flake, 45c.	



The Universal Food Chopper

Price No. 1, \$2.50	
" " 2, 3.00	
" " 3, 4.00	



THE CHICOPEE FAN MILL

THE POPULAR FAN OF NEW ENGLAND
PRICE \$40.00

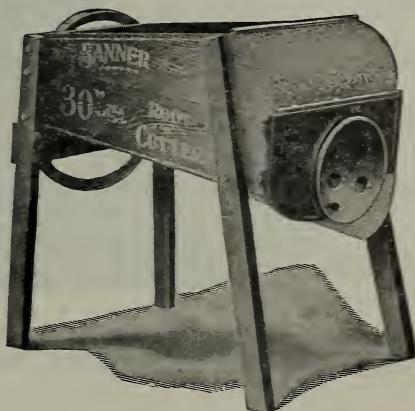
No. 1 Fan Mill, Plain, \$45.00.

No. 1 Fan Mill with Elevator and bagger, \$65.

BANNER ROOT CUTTER

A RAPID SLICER.

No. 20, Hand Machine, - - -	\$15.00
" 30, " " " - - -	24.00
" 31, All Steel and Iron - - -	18.00



CHAMPION ROOT CUTTER

Has one set Fine
Knives and one set
Coarse. Price \$14.00.

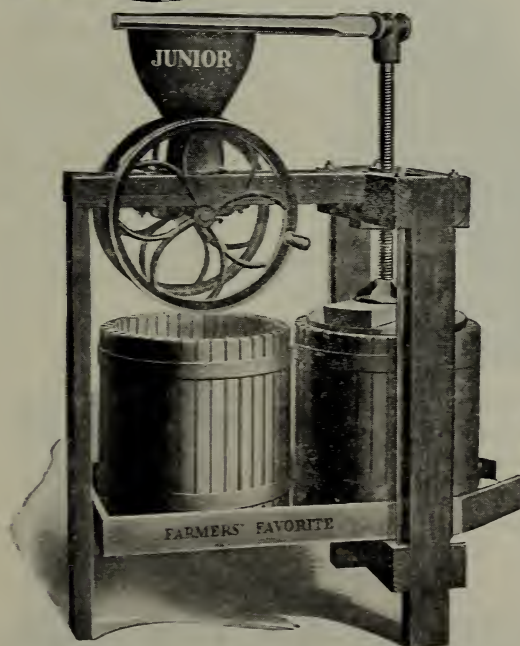


LARD AND WINE PRESSES

Prices on application

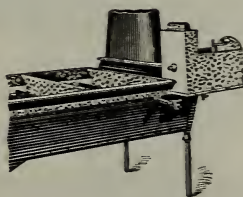
CIDER MILLS

Junior	\$29.50
Medium	38.95
Senior	51.00



MAPLE SUGAR EVAPORATORS AND SUPPLIES

Write for prices.



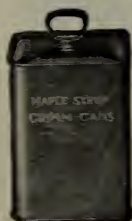
SAP SPOUTS

CANCO, each without hooks 5c, per 100 \$4
" " with hooks 5c, per 100, 4.50
" Hooks Separate, per 100, 75c

SAP PAILS

Galvanized, heavy, 12 qt. and 14 qt.
Prices on application.

Vermont Bucket Covers, each, 15c
SYRUP CANS.—One gal., square,
screw top each 24c; per 100, \$22.00



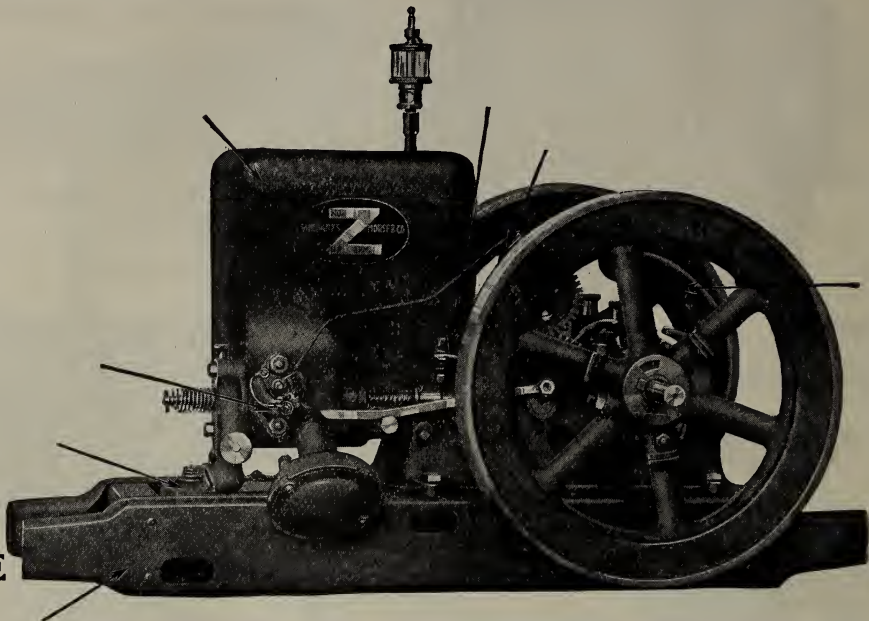
Rubbish or Paper Burner

1—12x18 in.,	\$2.25
2—15x22 " "	2.50
3—18x26 " "	3.00
4—21x31 " "	3.50



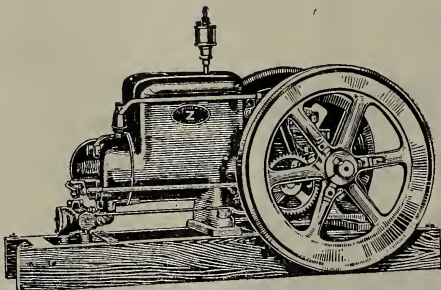
Sap Spout

THE
NEW
TYPE
“Z”
FAIR-
BANKS-
MORSE
ENGINE



Economical, Simple, Substantial, Gun Barrel Cylinder Bore.—Complete with Bosch Magneto, more than rated power. Sizes are 1½ Horse Power
3 “ “
6 “ “
10 “ “
15 “ “

Prices on application.



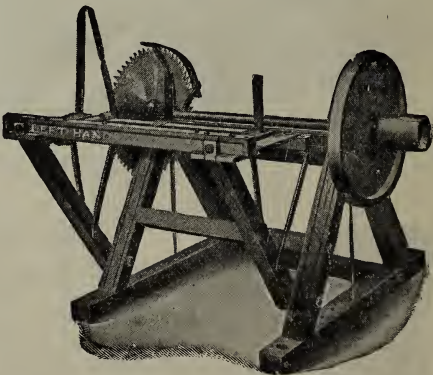
Special Electric Engine and Electric Lighting Outfit. For residences or farm lighting, or for small store, garage or manufacturing establishment. If in need of a lighting plant or power we will be glad to send an expert to confer with you.

WOOD FRAME SAWING
MACHINE

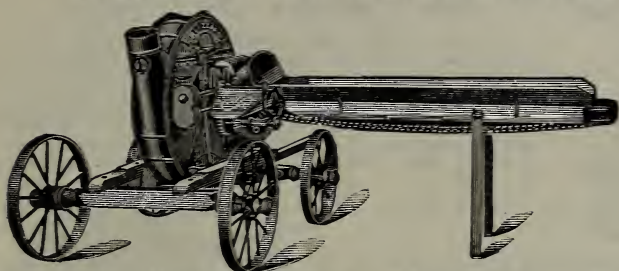
Made of Hard Wood, will accommodate saws from 20 in. to 30 in. in diameter. Pulley is 5 inches in diameter with 6 inch crown face, Balance wheel weighs 95 lbs. The frame can be fitted with pole extension if specially ordered, at extra cost. We recommend using 4 in. 4 ply canvas belting, 10 foot centers, 22 feet belt.

Tilting Table Complete with 22 in. Saw,	\$49.00
“ “ “ “ 24 “ “	51.00
“ “ “ “ 26 “ “	52.50
“ “ “ “ 28 “ “	55.00

For Sliding Table add \$8.00.



BLIZZARD ENSILAGE CUTTER AND BLOWER



and the No. M. 13 requiring 7 to 10 Horse Power. For smaller machine using less power the No. L. 18. Write for special cutter catalog.

All the very latest improvements are embodied in this machine. They are built for endurance and to give satisfaction to the user. The construction is such that they are operated probably with as little power size for size as any cutter and blower made. One of the popular sizes for ordinary farm work is No. M. 21 requiring from 4-7 horse power



ENGINE AND WOOD SAWING OUTFIT

Prices on application

Especially adapted for farm use, Practical, Durable, Economical.

No. 1, with extra set grinding plates, \$35.00

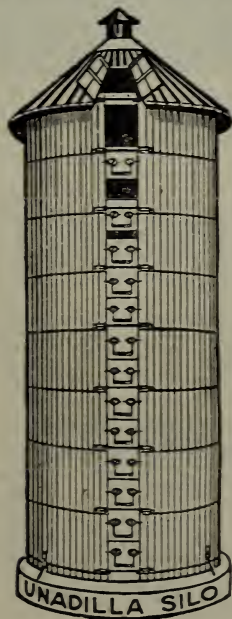
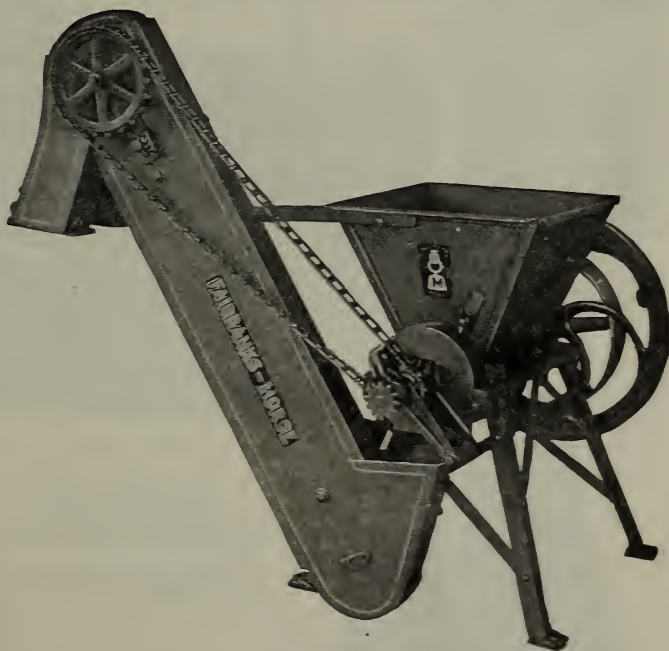
Elevator and Bagger, 5 ft., extra, \$16.00.

Hand and Power Grinder No. 20 with stand, \$22.50. No. 15, Hand and Power, \$16.00.

LENTZ GRINDING

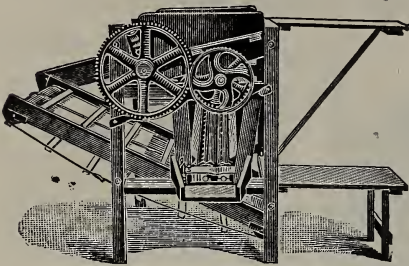
MILL—Our excellent Farm Mill. Price \$55.00

FAIRBANKS' MORSE FEED MILLS



THE UNADILLA SILOS

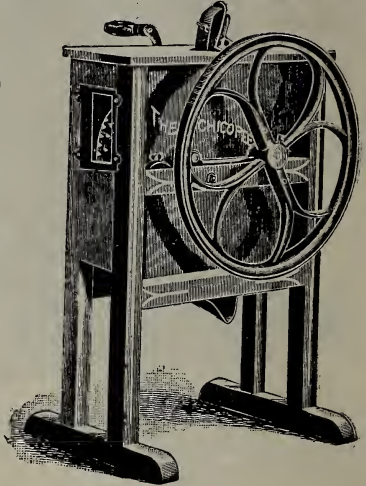
The use of the silo on the dairy farm has long since passed the experimental stage and is now considered a fixed necessity. We are offering you a SILO THAT IS UP TO DATE IN EVERY DETAIL OF MODERN SILO CONSTRUCTION, in sizes holding from 15 to 393 tons. They are made in White Pine, Oregon Fir, and Spruce. We want to figure with you on a Silo. Write or see us.



The Chicopee Corn Husker

A Corn Husker that leaves the stalks in shape to bind something the farmer has been looking for. Power required for full capacity 5 to 6 H. P.—and will husk from 25 to 50 bushels per hour. Some of these machines are running with 2½ horse power engine, with this power they husk from 15 to 25 bushels of corn per hour. "The Chicopee" is guaranteed to husk the corn and separate the ears from the stalks without material injury to the grains of corn. Price,

6 Roll \$180.00



LION RIGHT HAND CORN SHELLE

A very simple and popular Sheller. There is only one size and that is with a separator. It is a

RIGHT HAND SHELLE has a large, heavy balance wheel. The working parts are held firmly together by solid shaft boxes or bearings.

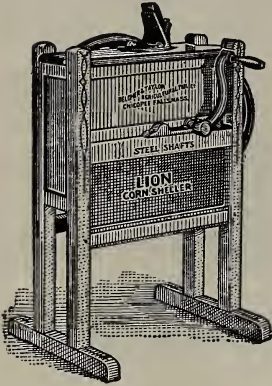
PRICE, \$19.00

THE CHICOPEE CORN SHELLE

Strong, well made, with separator and chaff sieve — — \$17.00.

Red Chief Corn Sheller

Fastens to Barrel, \$3.25



STEEL DRY MEASURE

to use with threshing machine

32 qt. \$2.25



OAK DRY MEASURES

Sealed, 1 qt. 35c, 2 qt. 50c, 4 qt. 90c, 8 qt. \$1.50, 16 qt. \$2.25, per set \$4.75.

SEAMLESS GRAIN BAGS

Per bale, 100 bags. Prices on application.

BAG HOLDERS

Metal Tunnel—Adjustable to desired height, very convenient, Price, \$3.50.

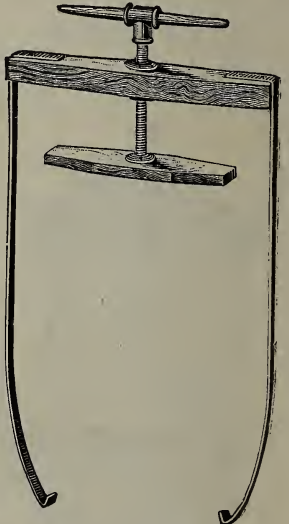


Brooms

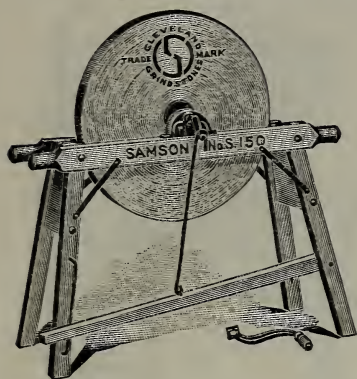
No. 6—House (fine) \$1.00
" 7- " " \$1.15
Whisk Brooms,
50c and 75c
Barn Brooms, see pg. 82

BOSTON PATTERN TRUCKS

Sizes	Length Handles	Axle	Wheels Outside
1	52 "	¾ in.	9.50
2	56 "	⅞ in.	10.75
3	58 in.	1 in.	13.00
4	68 "	1 ⅛ in.	14.50



BARREL HEADER
Iron Screw, heavy, \$3.25



MOUNTED GRINDSTONES

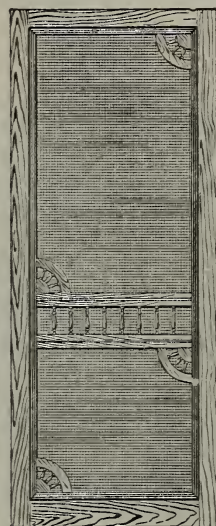
	Weight about	Price
Extra Wood Frame, No. 1.....	130 lbs.	\$12.00
Regular " " No. 2	100 lbs.	11.00
Grindstone Fixtures, for mounting, prices on application.		
Huron.....	per lb. 5c	

SCREEN DOORS

Plain, 3 inch stile, wire black, price complete with trimmings,	\$4.25
Light Finish, Fancy Pattern, 4 in. stile.....	\$5.00
Our Custom Made.....	\$7.50

WINDOW SCREENS

The "Leader," Hardwood Finish, Height 18 in. Adjusts 20 in to 33 in.	75c
" " " " " 24 " " 20 " 33 "	90c
" " " " " 24 " " 23 " 37 "	1.00
" " " " " 28 " " 23 " 37 "	1.20
Sherwood Steel, 18 inch, 22 in. to 33 in., - - - - -	90c
" " 24 " 22 in. to 33 in., - - - - -	1.05
" " 24 " 24 in. to 37 in., - - - - -	1.40
WIRE SCREEN CLOTH BLACK—Per sq. ft., - - - - -	4c
BRONZE SCREEN CLOTH—Per sq. ft., - - - - -	15c



HILL'S CLOTHES DRYER

No. 1.....	\$13.25
No. 2.....	\$14.50
No. 3.....	\$16.75



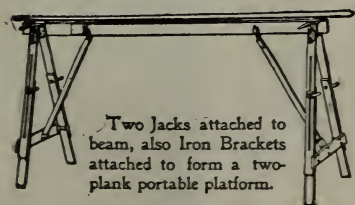
REVOLVING CLOTHES DRYER

Very convenient, easily folded, can be removed from stand, and placed under cover if desired. Price 110 ft., \$7.50; 150 ft., \$8.00.

CLOTHESLINE POSTS

(Steel Galvanized), 10 ft., - - - - - \$3.50

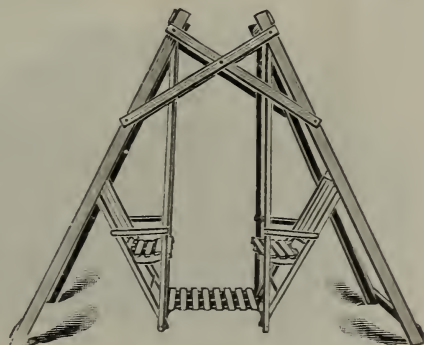
ADJUSTABLE SCAFFOLDING JACKS



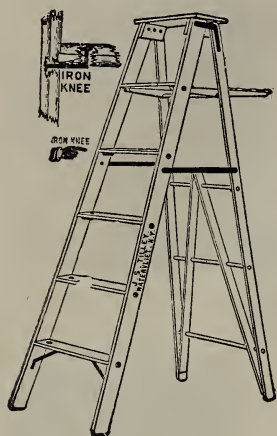
Practical for all interior scaffolding, mill work, metal ceiling, plastering, decorating, etc.

Light, Rigid and Quickly Adjusted.

Prices on Application



LAWN SWING.—Heavy wood frame, two passenger, \$9.00, four passenger, \$15.00



PARIS STEP LADDERS 5 ft. \$3.50
 (Very strong) 6 ft. 4.20
 7 ft. 4.90
 8 ft. 5.60
 10 ft. 7.00

IDEAL STEP LADDERS
 " " " 3 ft. 1.80
 " " " 4 ft. 2.40
 " " " 5 ft. 3.00
 " " " 6 ft. 3.60
 " " " 8 ft. 4.80

COMMON LADDERS.—Tilley's best quality.
 Stock length, 10, 12, 14, 16, 18, 20, 22, 24 and 26 ft.

Price, 10 ft. to 18 ft. 35c ft., 20 ft. to 26 ft. 45c

LADDER HOOKS.—Each \$1.00

BEST EXTENSION LADDERS.—Sure lock, safest
 extension made, price 24 ft. to 38 ft. inclusive,
 60c per ft.; 40 ft. to 44 ft. inclusive, 70c per ft.;
 48 ft. to 52 ft. inclusive, 85c per ft.

WIRE FLY KILLERS.—Price 10c and 15c

CAN OPENERS.—Price 25c and 35c

WINDOW BRUSHES.—All Bristles 75c

" " " " Large 1.25

Handles, extra 25c to 50c

COMMON ASH SIFTER
 —Large size, galvanized
 75c.

THE HUSTLER ASH
SIFTER.—Fits a bar-
 rel or can, Price with-
 out can \$6.50

ROTARY ASH SIFTER. \$4.50

CENTRAL ASH SIFTER. 1.25

CENTRAL COVER.—Ex-
 tra 1.25



Garbage Pail

COAL HODS.—Galvanized. .65c to \$1.25

GALVANIZED ASH CANS \$4.50-5.00-5.50

" " " " COVERS. 1.25

GALVANIZED GARBAGE PAILS, With

covers, \$1.90, 2.25, 2.65 and 2.75

METAL POLISH.—Per can 50c, 65c and 85c

SCRUB BRUSHES.—With handle, 35c to 50c

MILK CAN SCRUB 35c and 50c



Coal Hod

Extension
 Ladder

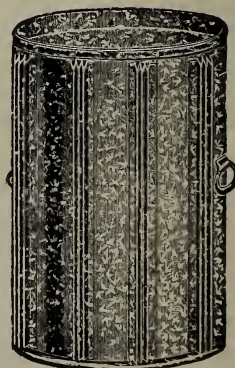
Common Ladder



WHITE WASH BRUSHES.— 75c to \$5.00
KALSOMINE " \$1.35 to \$7.50

WHITE WASH LIME.—
 Bbl. \$5.10; Selected lumps
 per lb. 4c.

ALABASTINE.—A splendid
 wall coating, much bet-
 ter than Kalsomine, etc.
 —ready for use by add-
 ing cold water—many
 shades, per pkg. (5 lbs.)
 75c.



Ash Can.



Majestic Washing Machine

Operated with crank and balance wheel, a splendid machine. Probably the best hand power washer.
Price \$16.00

Yost Motor Washer

Operated by water power by connecting with faucet.
Price \$24.00

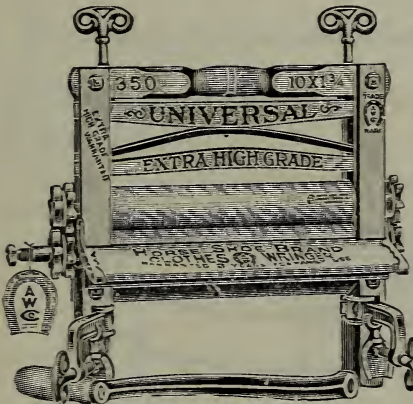
Wash Boards,

65c, 85c, \$1.00 and \$1.25



CLOTHES WRINGER (WARRANTED)

No. 350, Family size, warranted\$5.50
No. 351 Laundry size6.50



No. 352, \$7.50
No. 380-E, enclosed Gear Ball Bearing, \$7.50.
No. 341, for set tubs, 8.00
No. B-381E Bench Wringer, \$10.75

ROYAL WRINGER
Ball Bearing No. 590E, \$8.00

Galvanized Wash Tubs
Large \$3.25; medium 3.00, small, \$2.75.



FRUIT JARS E. Z. SEAL

½ Pints.95c; Pins \$1.
Quarts \$1.10; 2 Quarts \$1.35.

Rubber Rings
10c pr doz.

Jelly Tumblers
per doz. 60c

KLEANEASIE—For Cleaning Out Waste Pipes.....pkg. 70c
OBLONG CLOTHES BASKET.—3 sizes,.....\$2.00, \$2.50 and 3.00
" " Hand Made.....\$2.75
CLOTHES LINES.—Cotton, 50 ft., 50c; 75 ft., 90; 100 ft., \$1.25 to \$2.00.
CLOTHES LINES.—Wire coil, 100 ft.....75c
CLOTHES LINE PULLEYS.....25c each and 55c pair
CLOTHES PINS.....5c and 15c Dozen

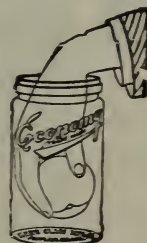
MOP STICKS.—Each.....45c and 75c
MOPS.—Cotton.....45c, 50c, and 75c

MOP WRINGER

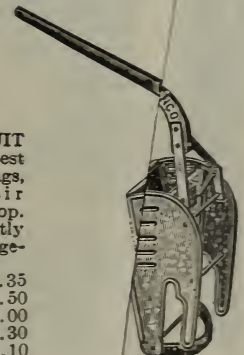
Family size \$2.75 and \$3.50
Hotel size. \$4.50



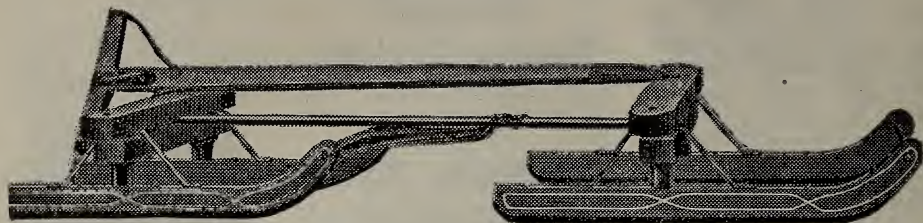
UNIVERSAL BREAD MIXER.—
Regular size, No. 4.....3.75
Large size, No. 8.....4.25



ECONOMY FRUIT JAR.—The best yet, no rubber rings, self-sealing, air tight, large at top. Keeps perfectly meats, fish, vegetables or fruit.
Pints Per Doz. 1.35
Quarts " 1.50
Two Qts. " 2.00
Covers " .30
Lifters Each .10



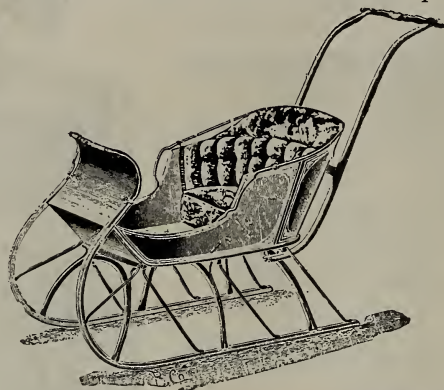
BOB SLEDS



The "ONE KNEE" Sled is fast taking the place of the old "Three Knee." Our Best Sled is Eastern made of white oak and is a good one.

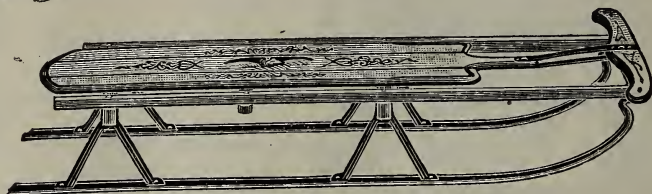
No. 3 is a heavy one horse	} Prices on Application
" 2 " medium two "	
" 3 " heavy " "	

We also have an excellent Western Bob Sled—prices somewhat lower.

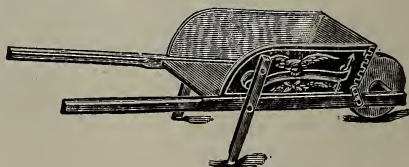


Paris Manufacturing Co.'s Sleds
in Frames, Clippers, Baby Sleighs,
and Double Runners.

The Genuine FLEXIBLE FLYER
and the FIREFLY SLEDS in all
styles and prices.



WAGONS—Fine line of Children's
Wagons, from \$1.50 to \$15.00.



Children's Wheelbarrows



SKATES

We carry the popular Winslow
Skates in all Sizes and Prices.
POLO AND HOCKEY STICKS, 10c
to 50c
SNOW SHOES—Fine line. Maine
and Indian made.

NORWEGIAN SKIS. — Complete
with steering pole, \$1.75 to \$12.00.

TOBOGGANS. — In the popular
sizes, from \$4.00 up.

THE ICE KING



ICE PLOW

8 in. with 14 to 22 in. Adjustable Swing Guide,	\$67.00
10 in. with 14 to 22 in. Adjustable Swing Guide,	\$73.50
12 in. with 14 to 22 in. Adjustable Swing Guide,	\$80.00

ICE TOOLS

COMPLETE ICE TOOL CATALOG SENT ON APPLICATION.

PULLEY BLOCKS.—Large assortment in stock.

ICE HOOKS.—

4 and 4 1-2 ft., each	\$1.95
5 feet, each	2.00

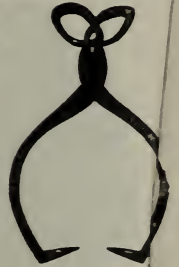
6 feet, each	\$2.10
8 " "	2.40
10 " "	2.75



RING CHISELS, each,	\$7.00
BREAKING BARS, each,	10.50
SPLITTING FORK, 2-tined, each,	8.00
NEEDLE BAR,	6.00
ICE CREEPERS.—Per pair,	25c, 30c and 35c

ICE TONGS.—Boston Pattern, swell handle.

No. 0. opens 13 in.	\$2.50
No. 1, " 14½ in.	2.75
No. 2, " 16½ in.	3.00
No. 3, " 24 in.	3.50
Drag or stowing, long handle,	\$4.50



"Empire" Double Acting Force and Lift Pumps—Adapted for shallow or deep wells. Cylinder is Brass Lined. Takes 1¼ in. suction pipe.

No. 1362-4—as arranged for wells up to 26 ft.

As arranged for deeper wells,

Above prices do not include pipe below the upper valve.

\$2100

\$2200

RUBBER BUCKET CHAIN PUMP

A POPULAR LOW-PRICED PUMP.

Curb with heavy castings	\$7.50
Tubing, best spruce, per foot	.20
Chain, galvanized, per lb.	.18
Buckets, "Crosby"	.18
Buckets, "Boston"	.18
Rub Irons	.15

We will be pleased to figure the cost of

Pump complete if you give us depth of well.

Pitcher Pumps, No.

1, \$4.50; No. 2, \$4.75;

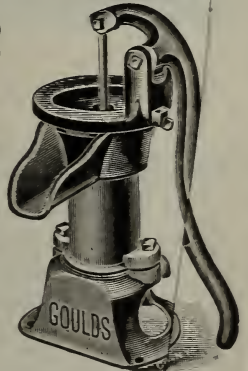
No. 3, \$5.00.

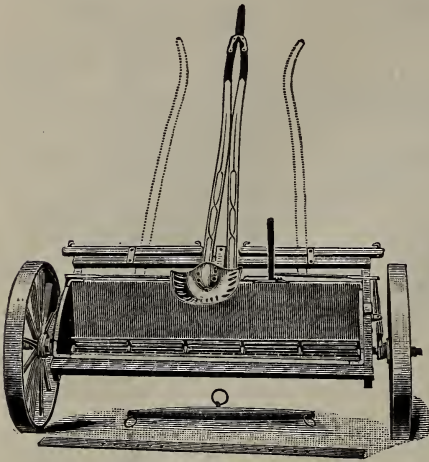
Pitcher Pump, No. R-416 \$5.50.

Pump Leathers, (Plunger) 15c and 35c.

" " (Valve) 15c and 35c.

Well Points for driving, each \$7.75.





STEVENS' FERTILIZER SOWER.—For sowing fertilizer either broadcast or in drills by horse power. 5 ft. 10 in., \$65.00; 8 ft. 3 in., \$72.00; Special cut off attachment, extra, \$4.00.

STEVENS' HAND FERTILIZER SOWER.—For sowing fertilizer broadcast on lawns, etc. Hopper is 34 in. long. Price \$17.90

Perfection Drill and Fertilizer Sower

This machine will form a drill from 3 to 10 inches deep, and will drop into the drill any fertilizer at the rate of 100 lbs. to 3,000 lbs., to the acre. Price \$30.00.



QUINNIPIAC FERTILIZERS

THE GREAT CROP PRODUCERS

AVAILABLE PLANT FOOD.—Is what the farmer is looking for when he buys commercial fertilizers.

That is just why the **QUINNIPIAC GOODS** stand so well.

They contain this plant food in the available form and in the right proportions to secure good results.

We are again in position to furnish fertilizers up to the standard pre-war quality, containing liberal quantities of Potash. Prices given are those prevailing at time of going to press, and are subject to change without notice.

PRINCIPAL BRANDS

PRICES SUBJECT TO CHANGE

QUINNIPIAC PHOSPHATE.—Special attention is called to this brand as being as well formulated and as well balanced as any fertilizer on the market up to date. 50 lb. bag \$2.00. Per 100 lb. bag, \$3.50. Per ton, \$65.00.

QUINNIPIAC CORN MANURE.—For field, fodder or sweet corn, also used for grain. Per 100 lb. bag, \$3.15. Per ton \$59.00.

QUINNIPIAC POTATO PHOSPHATE.—As a potato grower it has won and maintained a high standing and an enviable reputation. 50 lb. bag \$1.75. Per 100 lb. bag, \$3.25. Per ton, \$62.00.

QUINNIPIAC GRASS AND LAWN FERTILIZER.—A top dressing for lawns, meadows and pastures. It acts quickly and produces a luxuriant growth of grass. It pays to use it. Per 50 lb. bag, \$2.50. Per 100 lb. bag, \$4.50. Per ton, \$86.00.

QUINNIPIAC PURE BONE MEAL.—Made from absolutely pure bones, finely ground and in the best mechanical condition. Per lb. 5c Per 100 lb. bag, \$4.00. Per ton, \$70.00.



The Mapes Manures

For All Soils
and for all Crops

BASIS:

Pure Bone
Made Soluble
No Rock Used

OUR FERTILIZERS ARE AGAIN UP TO PRE-WAR STANDARDS AND CONTAIN A LIBERAL QUANTITY OF POTASH. PRICES GIVEN ARE THOSE PREVAILING AT TIME OF GOING TO PRESS, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.

PRINCIPAL BRANDS

MAPES POTATO MANURE.—Very high grade.—For Potatoes, Early Vegetables, Fruit Sweet Corn, etc., 50 lb. bag \$2.40. Per 100 lb. bag, \$4.20; Per ton, \$79.00.

MAPES CORN MANURE.—Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet and Seeding Down to Grass. Per 100 lb. bag, \$3.75. Per ton, \$70.00.

MAPES GRAIN BRAND.—A high grade fertilizer for all crops. Per 100 lb. bag, \$3.25. Per ton \$60.00.

We can recommend the above fertilizers as being derived from the best sources of plant food, and we are confident their use will prove this, and the results will be satisfactory and pleasing to you.

AGRICULTURAL CHEMICALS and FERTILIZING MATERIALS

PRICES ON APPLICATION WHERE NOT GIVEN.

MURIATE OF POTASH.—80 to 85 per cent muriate of potash.

DOUBLE SULPHATE OF POTASH AND MAGNESIA.—48 to 52 per cent sulphate of potash; 35 to 40 per cent sulphate of magnesia and not over 2 1-2 per cent chlorine; 26 to 28 per cent actual potash.

HIGH GRADE SULPHATE OF POTASH.—90 to 95 per cent sulphate of potash; 50 to 52 per cent actual potash.

KAINIT.—23 to 25 per cent sulphate and muriate of potash; 12 to 13 per cent actual potash.

SULPHATE OF MAGNESIA (Keiserite)—50 to 55 per cent sulphate magnesia.

NITRATE OF SODA.—94 to 96 per cent purity. Per 100 lbs. \$5.50; per lb. 10c.

SULPHATE OF AMMONIA.—24 3-4 to 25 1-4 per cent ammonia.

DRIED BLOOD.—12 to 14 per cent ammonia.

“ “ 10 to 12 “ “

“ “ —8 to 10 “ “

DISSOLVED BONE BLACK. —15 to 18 per cent soluble and available phosphoric acid
“ “ “ —13 to 15 “ “ “ “ “ “

PLAIN SUPERPHOSPHATE.—(acid phosphate)—per 100 lb. bag, \$2.25; per ton, \$39.00.

FINE GROUND TANKAGE—6 to 7 per cent ammonia; 30 to 35 per cent bone phosphate

“ “ “ —7 to 8 “ “ 25 to 30 “ “ “

“ “ “ —8 to 9 “ “ 20 to 25 “ “ “

“ “ “ —9 to 10 “ “ 15 to 20 “ “ “

ASHES.—Canada.—Unleached. Per 100 lb. bag, \$2.25; Per ton, \$38.00. Subject to change.

DRY GROUND FISH.

BONE.—“Quinnipiac Bone Meal”—per cwt., \$4.00. Cracked Bone for case hardening, \$6.50 per cwt. “Raw Bone Flour”—“Raw Bone Meal”—Cracked Bone “Oatmeal”—Prices on application.

PURE NOVA SCOTIA GROUND PLASTER.—Per 100 lb. bag, prices on application.

PULVERIZED SHEEP MANURE.—5 lb. pkg., 40c; per 25 lb. bag, \$1.25; 50 lb. bag, \$1.85; 100 lb. bag, \$3.00. Per ton, \$55.00.

CLAY'S FERTILIZER.—Imported, Prices on application.

GUANO.—Peruvian.

SCOTCH SOOT.—Imported, 100 lb. bag, Prices on application.



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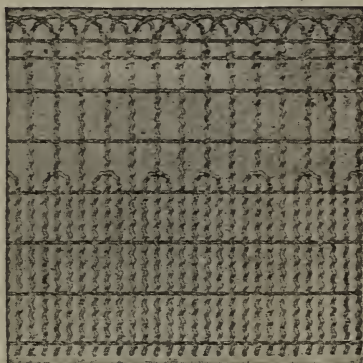
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